

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
 Data File : BG025542.D
 Acq On : 20 Jan 2017 17:21
 Operator : UM/SJ
 Sample : PB96173BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96173BS

Manual Integrations
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 1/23/2017 4:59:35 PM

Quant Time: Jan 21 00:32:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	55918	20.00	ng	-0.02
21) Naphthalene-d8	11.00	136	240346	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	198087	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	467643	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	662106	20.00	ng	-0.02
86) Perylene-d12	25.23	264	722195	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	472600	153.62	ng	-0.02
7) Phenol-d6	7.34	99	684009	157.87	ng	-0.02
23) Nitrobenzene-d5	9.37	82	499879	91.88	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	430053	134.85	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1095986	89.58	ng	-0.02
78) Terphenyl-d14	20.14	244	2163863	86.65	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	48747	37.14	ng	96
3) Pyridine	3.96	79	136895	35.98	ng	95
4) n-Nitrosodimethylamine	3.88	42	101097	44.76	ng	# 95
6) Aniline	7.50	93	156770	26.70	ng	96
8) 2-Chlorophenol	7.74	128	161660	46.58	ng	95
9) Benzaldehyde	7.31	77	135346	42.69	ng	98
10) Phenol	7.37	94	237859	49.52	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	154148	41.65	ng	94
12) 1,3-Dichlorobenzene	8.07	146	175344	41.75	ng	98
13) 1,4-Dichlorobenzene	8.21	146	176606	40.58	ng	95
14) 1,2-Dichlorobenzene	8.53	146	170554	41.06	ng	93
15) Benzyl Alcohol	8.43	79	190552	46.07	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.70	45	308281	44.98	ng	96
17) 2-Methylphenol	8.63	107	150310	47.66	ng	98
18) Hexachloroethane	9.26	117	74287	44.44	ng	96
19) n-Nitroso-di-n-propylamine	8.98	70	168768	46.12	ng	93
20) 3+4-Methylphenols	8.96	107	203717	46.67	ng	98
22) Acetophenone	9.01	105	291549	43.66	ng	# 98
24) Nitrobenzene	9.41	77	252404	42.30	ng	97
25) Isophorone	9.92	82	432713	43.93	ng	98
26) 2-Nitrophenol	10.12	139	94327	41.33	ng	91
27) 2,4-Dimethylphenol	10.17	122	170876	45.54	ng	91
28) bis(2-Chloroethoxy)methane	10.39	93	228790	44.72	ng	99
29) 2,4-Dichlorophenol	10.66	162	183470	45.69	ng	96
30) 1,2,4-Trichlorobenzene	10.86	180	198423	40.91	ng	91
31) Naphthalene	11.06	128	493084	41.08	ng	100
32) Benzoic acid	10.33	122	103395	34.27	ng	# 85
33) 4-Chloroaniline	11.19	127	77090	15.27	ng	96
34) Hexachlorobutadiene	11.32	225	153567	38.78	ng	95
35) Caprolactam	11.96	113	68468m	45.38	ng	
36) 4-Chloro-3-methylphenol	12.29	107	217648	43.92	ng	97
37) 2-Methylnaphthalene	12.65	142	393439	44.23	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	289892	44.33	ng	# 97
40) Hexachlorocyclopentadiene	12.97	237	257995	105.02	ng	99

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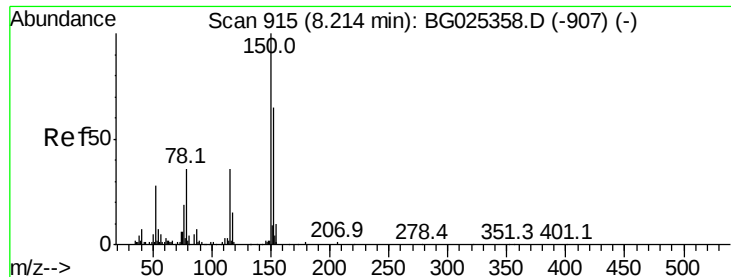
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	184903	44.90	nq	95
43) 2,4,5-Trichlorophenol	13.34	196	182970	42.45	nq #	97
45) 1,1'-Biphenyl	13.64	154	596665	44.78	nq	93
46) 2-Chloronaphthalene	13.70	162	444088	42.66	nq	98
47) 2-Nitroaniline	13.91	65	182088	41.44	nq	98
48) Acenaphthylene	14.54	152	691858	42.88	nq	99
49) Dimethylphthalate	14.25	163	620170	42.95	nq #	94
50) 2,6-Dinitrotoluene	14.39	165	133419	42.29	nq	96
51) Acenaphthene	14.87	154	429131	40.67	nq	99
52) 3-Nitroaniline	14.74	138	58061	19.14	nq #	97
53) 2,4-Dinitrophenol	14.95	184	151723	73.76	nq #	81
54) Dibenzofuran	15.21	168	718867	43.09	nq	98
55) 4-Nitrophenol	15.05	139	186780	82.45	nq	94
56) 2,4-Dinitrotoluene	15.19	165	202752	44.14	nq #	87
57) Fluorene	15.85	166	585311	41.91	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	197165	42.70	nq	98
59) Diethylphthalate	15.60	149	651481	43.02	nq	96
60) 4-Chlorophenyl-phenylether	15.83	204	342352	43.25	nq	97
61) 4-Nitroaniline	15.90	138	112207	36.77	nq #	79
62) Azobenzene	16.13	77	695977	47.66	nq	97
64) 4,6-Dinitro-2-methylphenol	15.95	198	136872	42.26	nq	87
65) n-Nitrosodiphenylamine	16.05	169	556371	44.02	nq	100
66) 4-Bromophenyl-phenylether	16.73	248	243149	42.14	nq	94
67) Hexachlorobenzene	16.86	284	271967	41.08	nq #	89
68) Atrazine	16.99	200	251839	45.47	nq	96
69) Pentachlorophenol	17.21	266	269557	78.54	nq	98
70) Phenanthrene	17.60	178	1035443	42.97	nq	95
71) Anthracene	17.69	178	1064710	43.48	nq	100
72) Carbazole	17.97	167	954790	43.59	nq	93
73) Di-n-butylphthalate	18.48	149	1173096	43.53	nq	97
74) Fluoranthene	19.59	202	1397753	43.91	nq	94
76) Benzidine	19.78	184	562419	34.05	nq	98
77) Pyrene	19.96	202	1432453	41.40	nq	98
79) Butylbenzylphthalate	20.81	149	613163	44.13	nq	99
80) Benzo(a)anthracene	21.82	228	1622386	43.93	nq	98
81) 3,3'-Dichlorobenzidine	21.73	252	332774	23.20	nq	96
82) Chrysene	21.89	228	1475807	41.67	nq	98
83) Bis(2-ethylhexyl)phthalate	21.67	149	874002	45.20	nq	97
84) Di-n-octyl phthalate	22.91	149	1506910	46.94	nq	97
85) Indeno(1,2,3-cd)pyrene	29.14	276	2091220	46.45	nq #	96
87) Benzo(b)fluoranthene	24.14	252	1717759	43.59	nq	97
88) Benzo(k)fluoranthene	24.21	252	1656167	43.52	nq	95
89) Benzo(a)pyrene	25.06	252	1647101	43.28	nq	96
90) Dibenzo(a,h)anthracene	29.18	278	1758019	43.58	nq	96
91) Benzo(g,h,i)perylene	30.36	276	1725435	43.05	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG025542.D

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Instrument :

BNA_G

ClientSampleId :

PB96173BS

Tot Ion:152 Resp: 55918

Ion Ratio Lower Upper

152 100

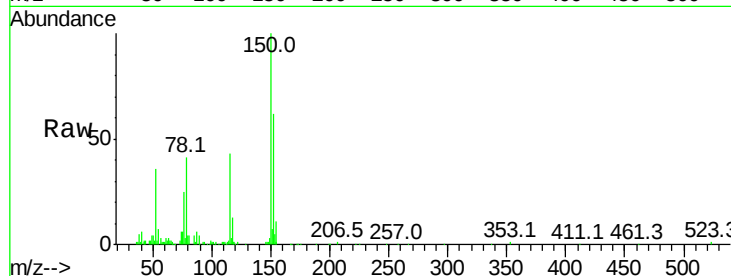
150 162.3 114.0 171.0

115 69.9 48.1 72.1

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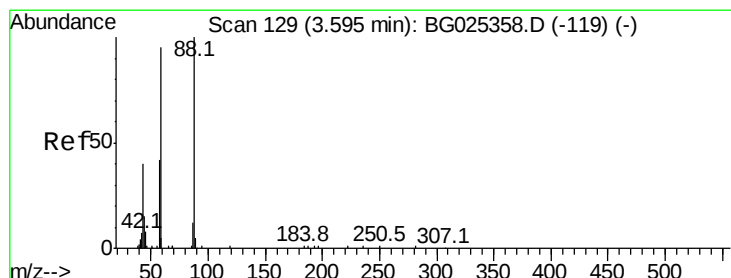
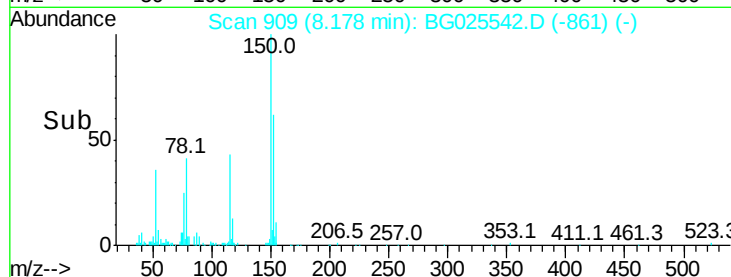
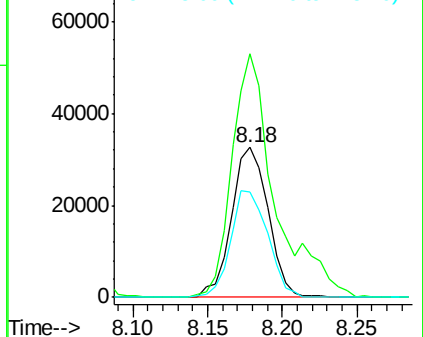
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.14 ng

RT: 3.54 min Scan# 120

Delta R.T. -0.04 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

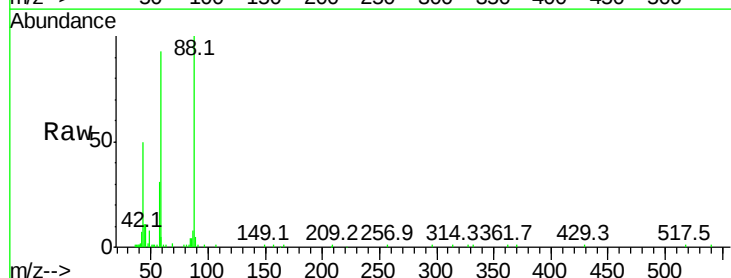
Tgt Ion: 88 Resp: 48747

Ion Ratio Lower Upper

88 100

58 100.9 79.4 119.2

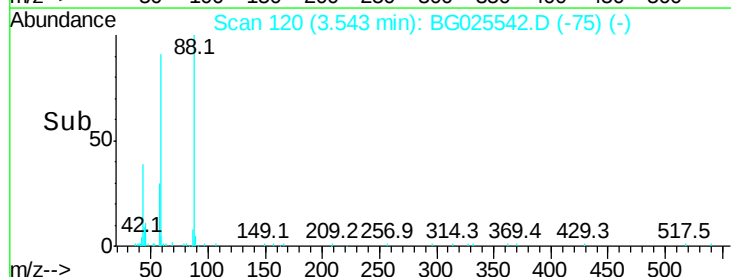
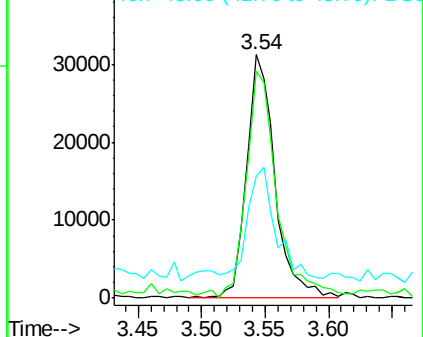
43 47.6 33.8 50.6

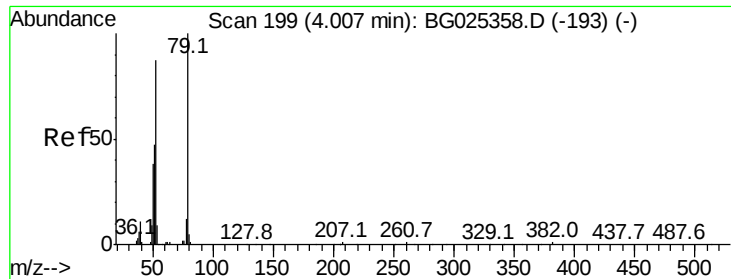


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.98 ng

RT: 3.96 min Scan# 191

Delta R.T. -0.03 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

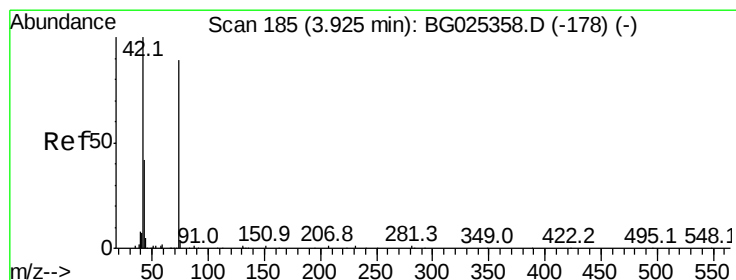
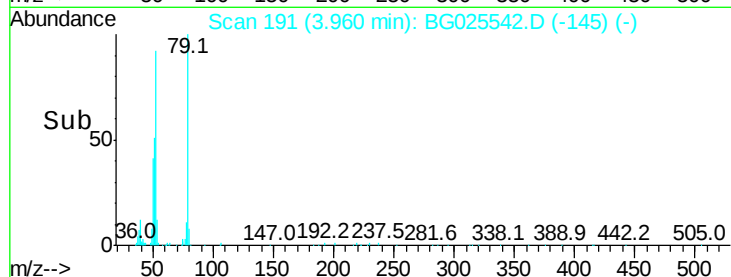
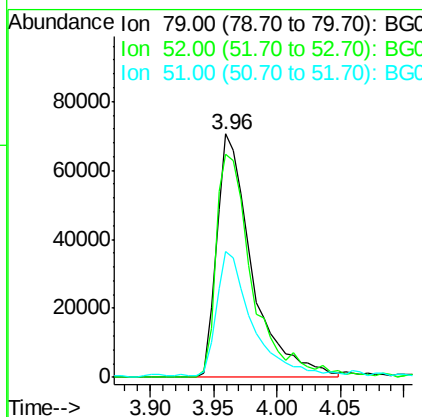
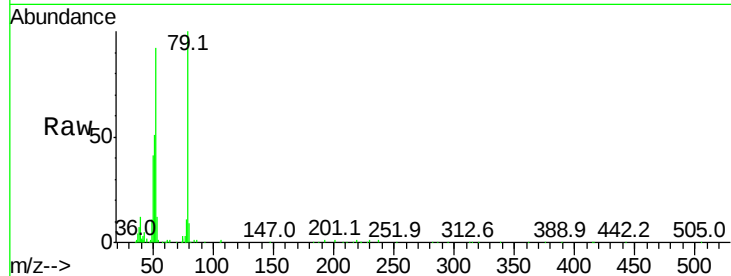
ClientSampleId :

PB96173BS

Tot Ion:	79	Resp:	136895
Ion Ratio	Lower	Upper	
79	100		
52	91.6	77.8	116.6
51	51.4	43.2	64.8

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#4

n-Nitrosodimethylamine

Concen: 44.76 ng

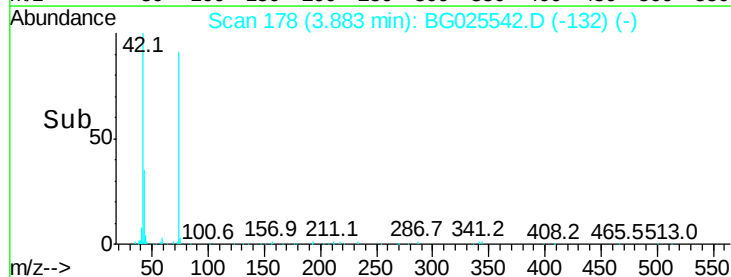
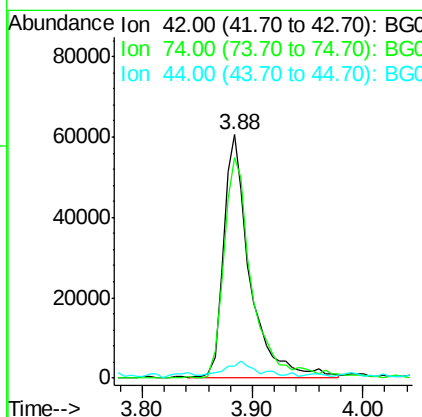
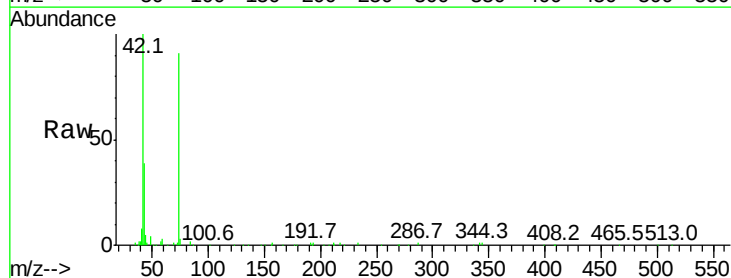
RT: 3.88 min Scan# 178

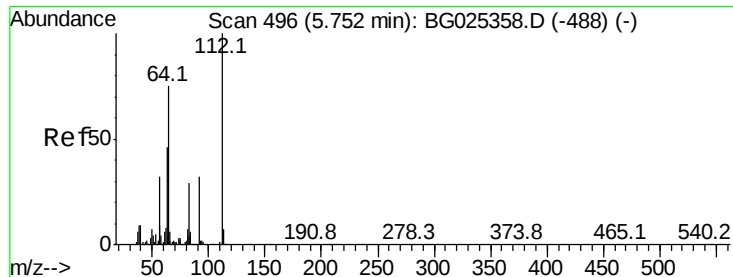
Delta R.T. -0.03 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Tgt Ion:	42	Resp:	101097
Ion Ratio	Lower	Upper	
42	100		
74	90.7	76.7	115.1
44	5.1	6.1	9.1#





#5

2-Fluorophenol

Concen: 153.62 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

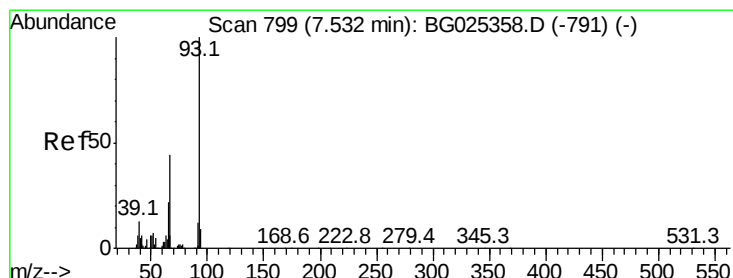
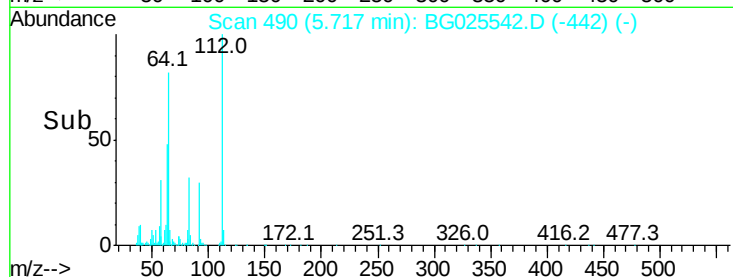
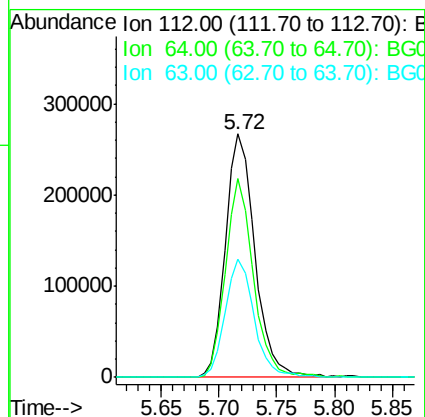
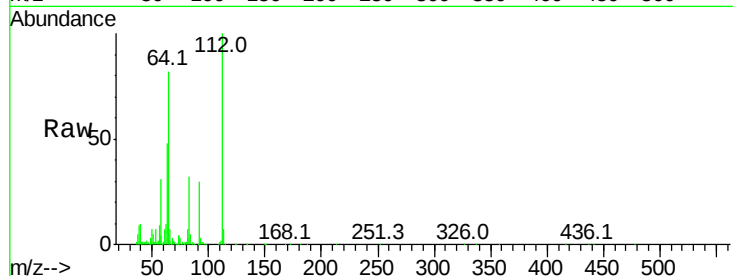
ClientSampleId :

PB96173BS

Tot Ion:	112	Resp:	472600
Ion Ratio	Lower	Upper	
112	100		
64	81.5	61.8	92.6
63	48.3	37.2	55.8

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#6

Aniline

Concen: 26.70 ng

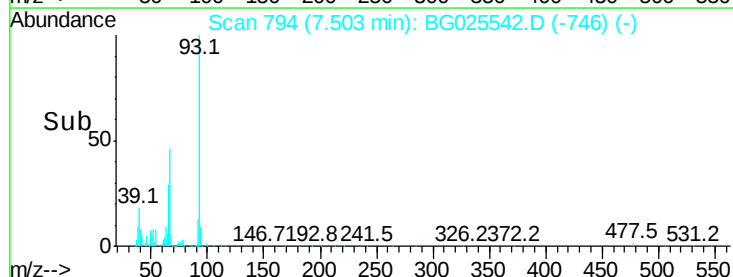
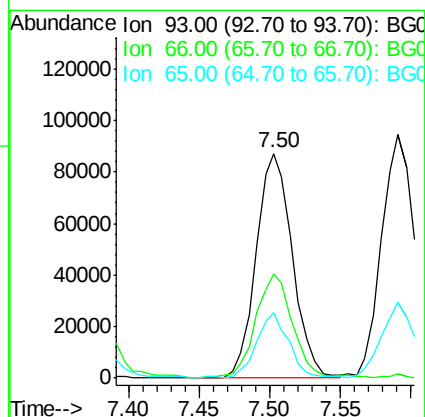
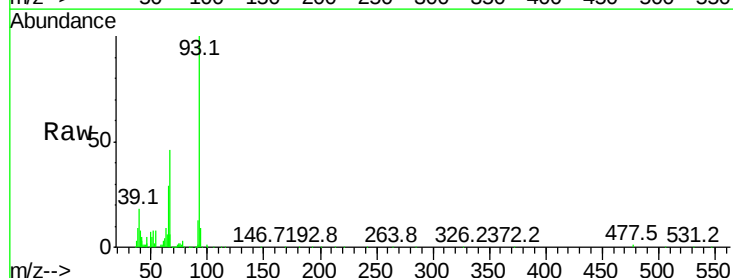
RT: 7.50 min Scan# 794

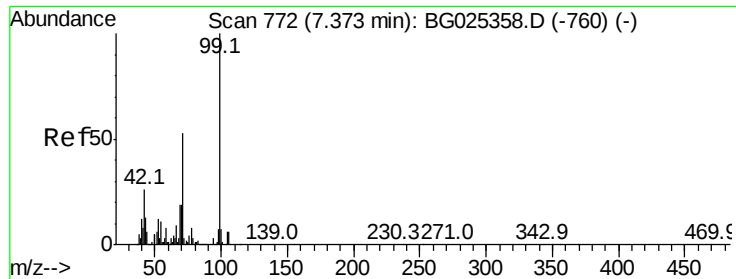
Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Tgt Ion:	93	Resp:	156770
Ion Ratio	Lower	Upper	
93	100		
66	46.5	35.4	53.2
65	29.3	21.2	31.8





#7

Phenol-d6

Concen: 157.87 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

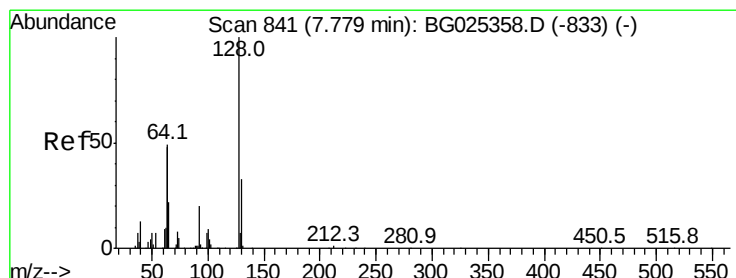
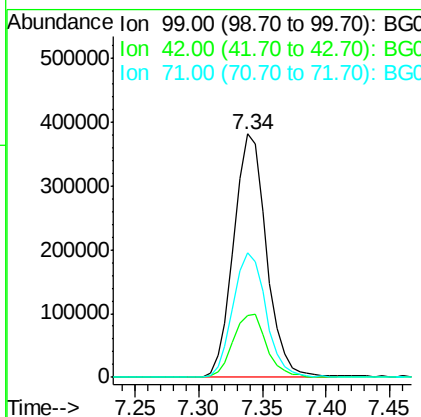
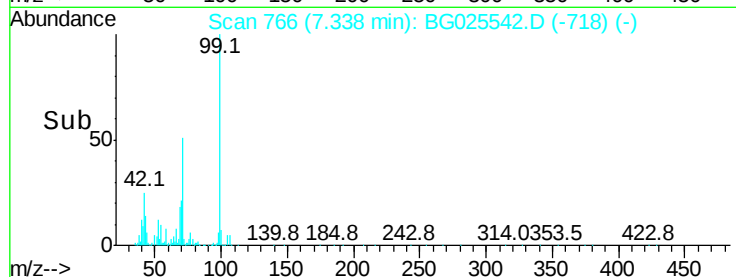
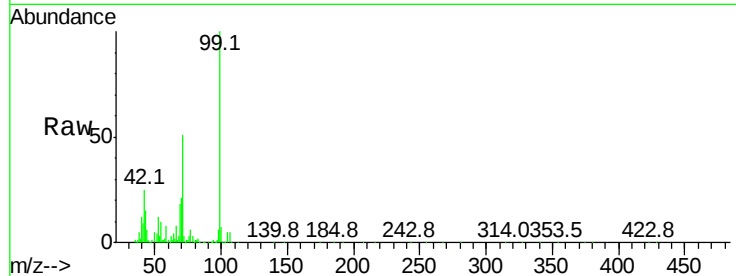
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Tot Ion:	99	Resp:	684009
Ion Ratio	Lower	Upper	
99	100		
42	25.3	20.5	30.7
71	51.3	37.6	56.4

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#8

2-Chlorophenol

Concen: 46.58 ng

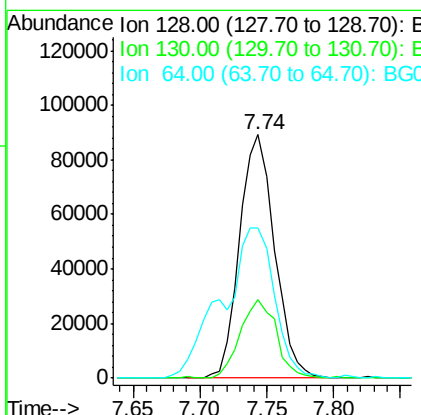
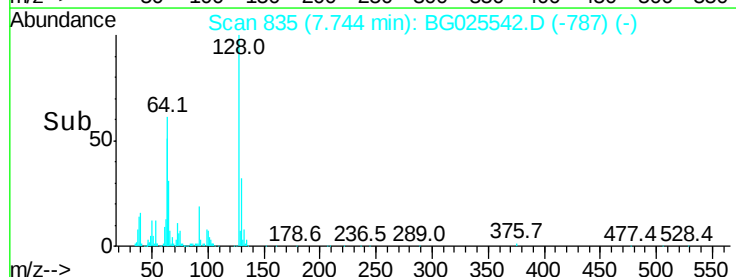
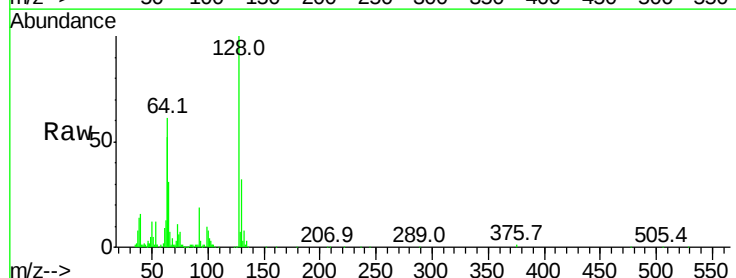
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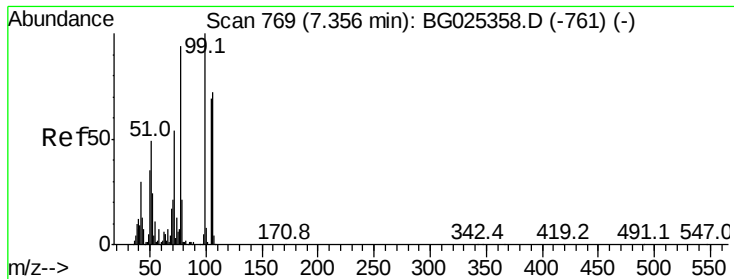
Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Tgt Ion:	128	Resp:	161660
Ion Ratio	Lower	Upper	
128	100		
130	32.5	11.4	51.4
64	61.5	46.6	86.6





#9

Benzaldehyde

Concen: 42.69 ng

RT: 7.31 min Scan# 762

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

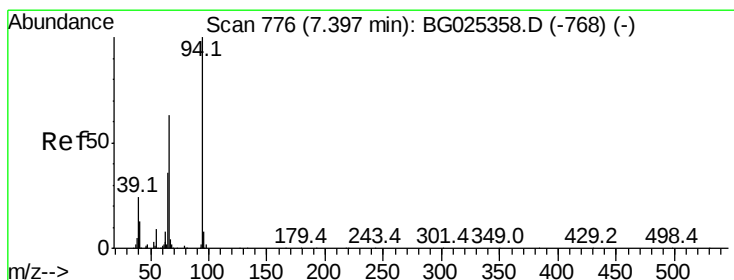
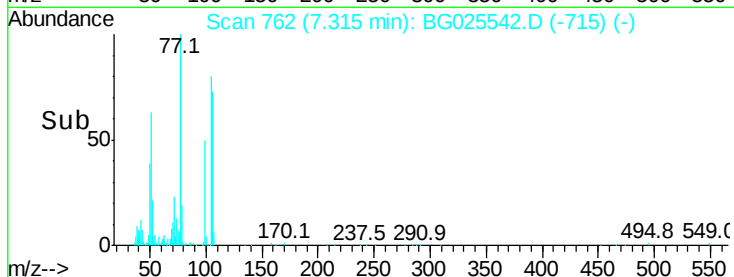
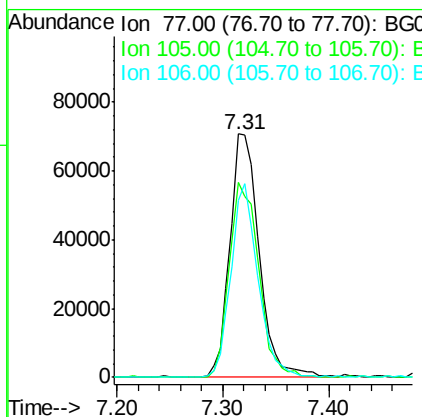
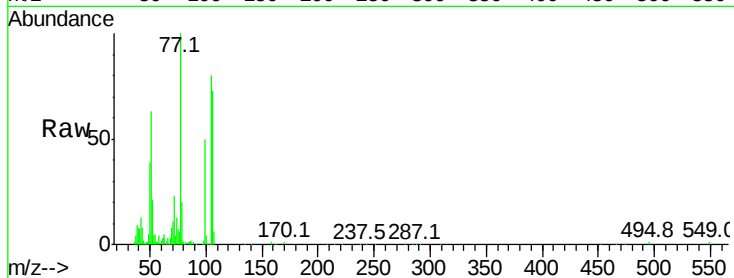
ClientSampleId :

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Tot Ion:	77	Resp:	135346
Ion Ratio	Lower	Upper	
77	100		
105	80.1	60.9	100.9
106	72.5	55.1	95.1

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#10

Phenol

Concen: 49.52 ng

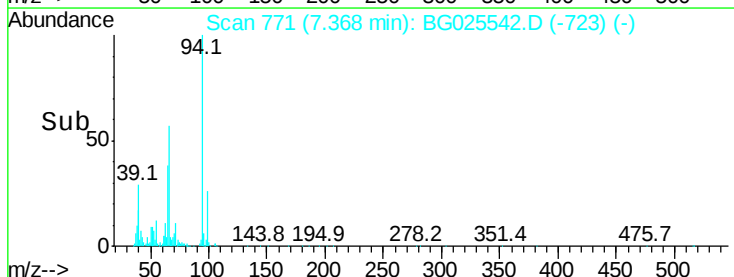
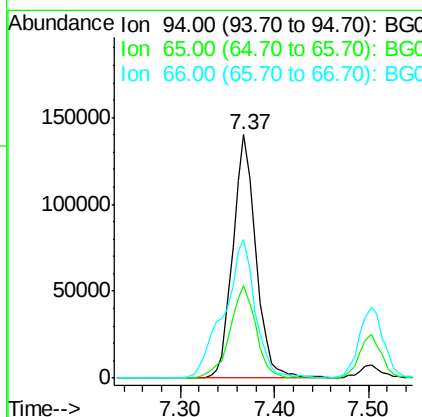
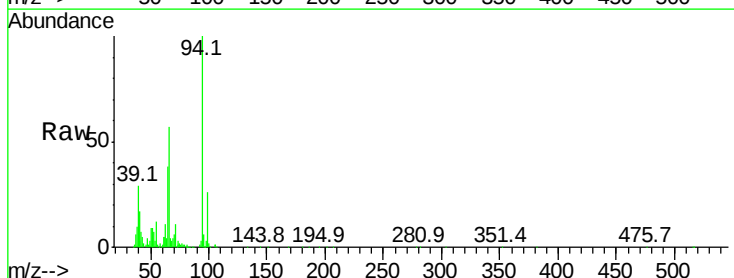
RT: 7.37 min Scan# 771

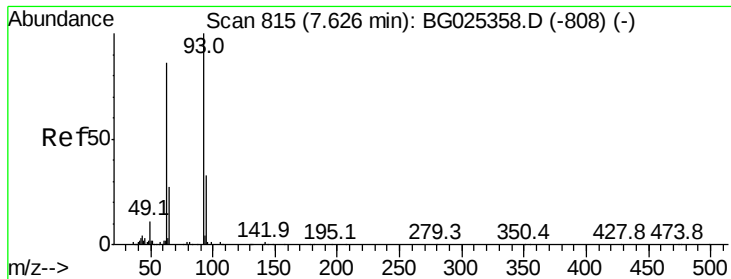
Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Tgt Ion:	94	Resp:	237859
Ion Ratio	Lower	Upper	
94	100		
65	37.8	20.6	60.6
66	56.7	35.5	75.5





#11

bis(2-Chloroethyl)ether

Concen: 41.65 ng

RT: 7.59 min Scan# 809

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

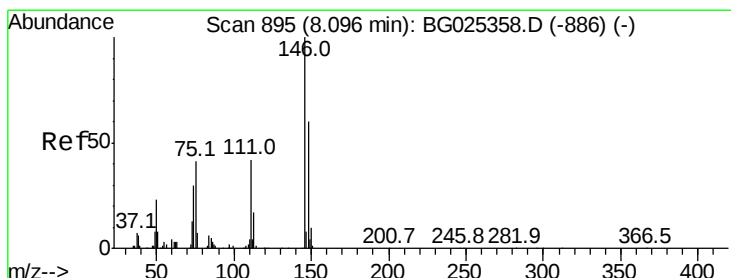
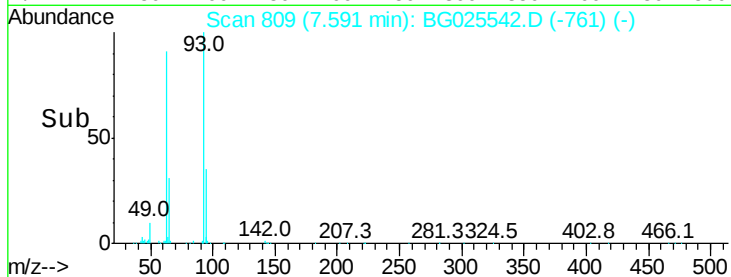
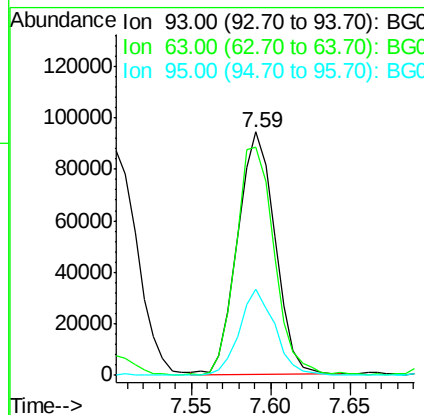
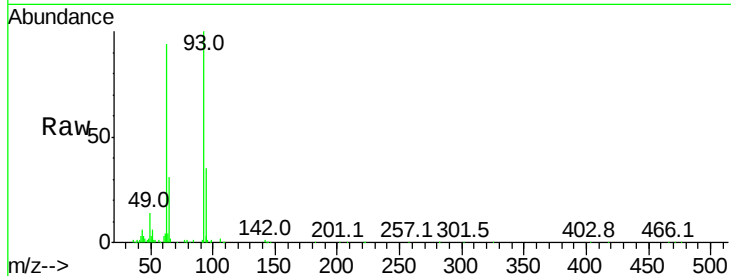
ClientSampleId :

PB96173BS

Tot Ion:	93	Resp:	154148
Ion Ratio	Lower	Upper	
93	100		
63	93.9	78.5	118.5
95	35.2	9.8	49.8

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#12

1,3-Dichlorobenzene

Concen: 41.75 ng

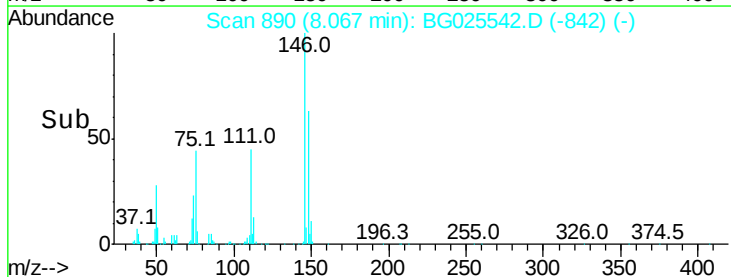
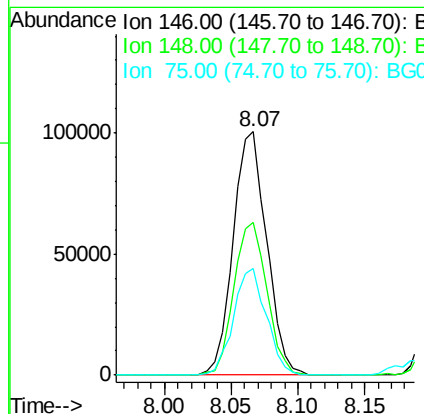
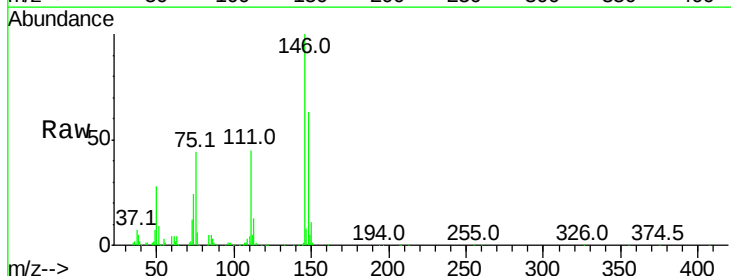
RT: 8.07 min Scan# 890

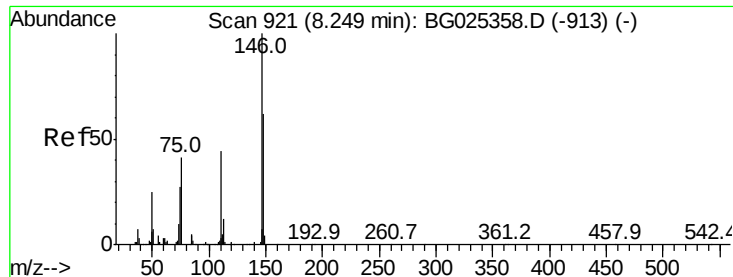
Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Tgt Ion:	146	Resp:	175344
Ion Ratio	Lower	Upper	
146	100		
148	62.9	49.2	73.8
75	43.8	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 40.58 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

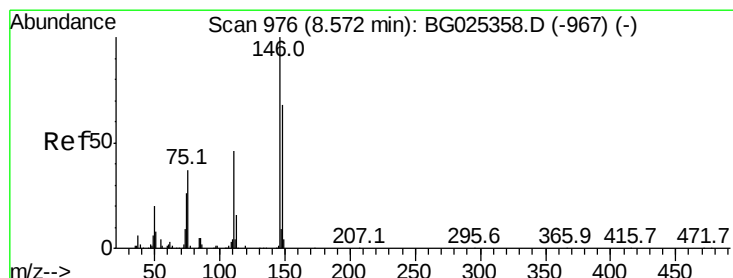
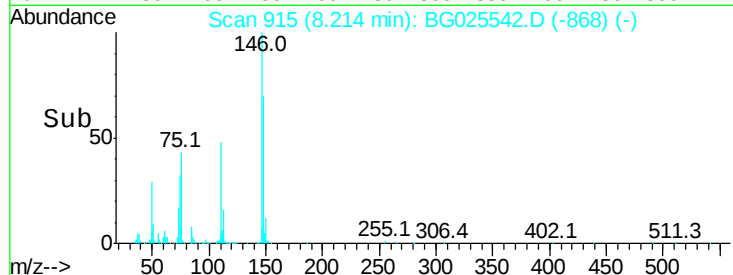
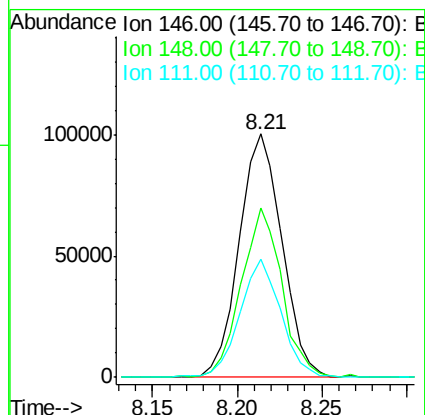
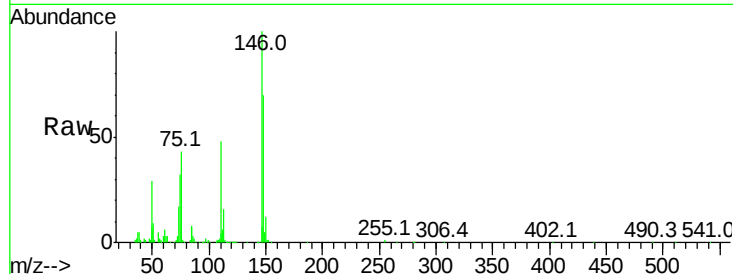
ClientSampleId :

PB96173BS

Tot Ion:	146	Resp:	176606
Ion Ratio	Lower	Upper	
146	100		
148	69.7	52.2	78.2
111	48.5	37.0	55.6

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#14

1,2-Dichlorobenzene

Concen: 41.06 ng

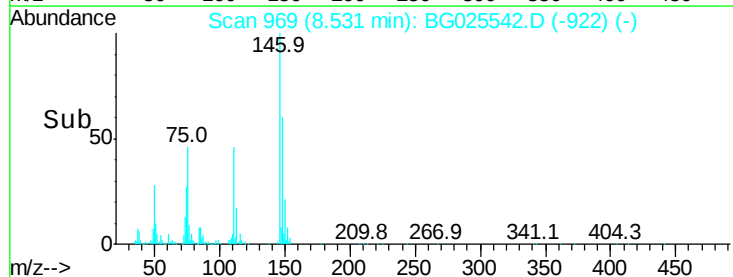
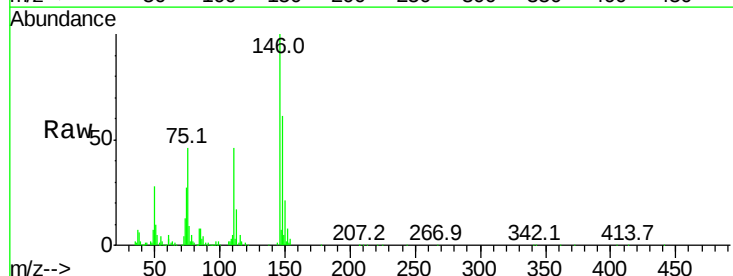
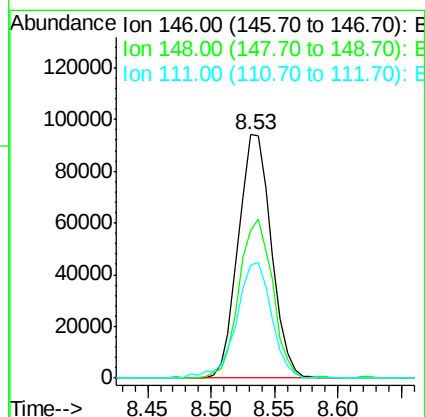
RT: 8.53 min Scan# 969

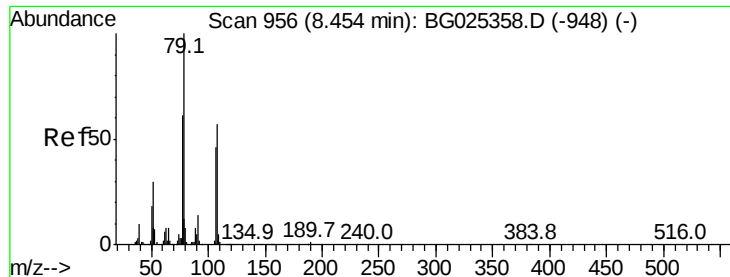
Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Tgt Ion:	146	Resp:	170554
Ion Ratio	Lower	Upper	
146	100		
148	60.8	54.6	81.8
111	46.2	39.7	59.5





#15

Benzyl Alcohol

Concen: 46.07 ng

RT: 8.43 min Scan# 951

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

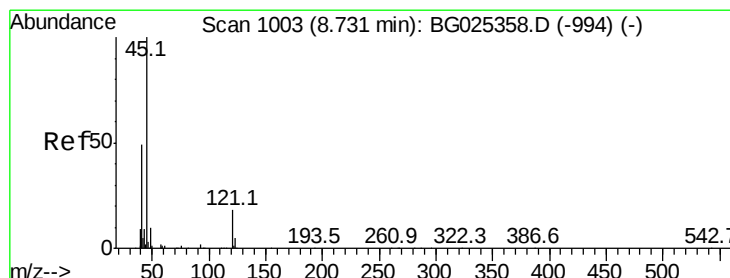
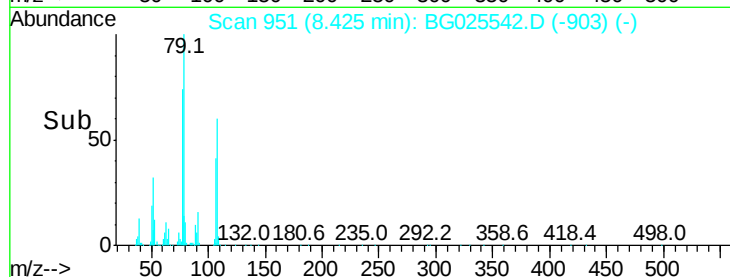
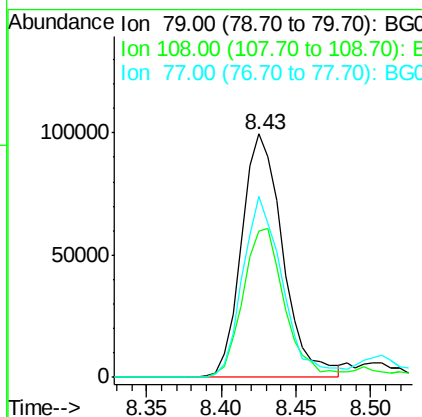
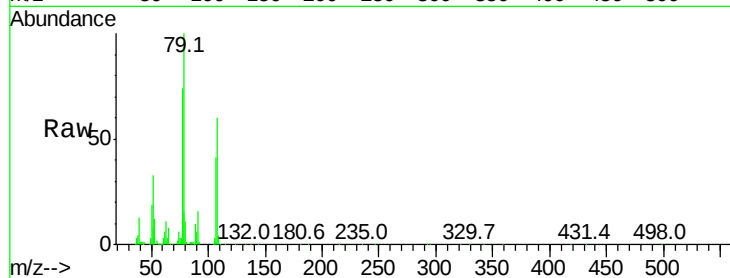
ClientSampled :

PB96173BS

Tot Ion:	79	Resp:	190552
Ion Ratio	Lower	Upper	
79	100		
108	60.1	45.5	68.3
77	74.4	54.3	81.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.98 ng

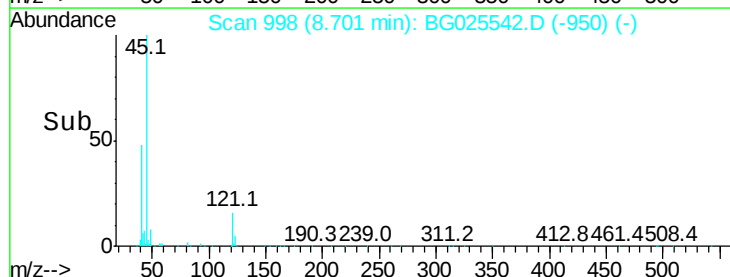
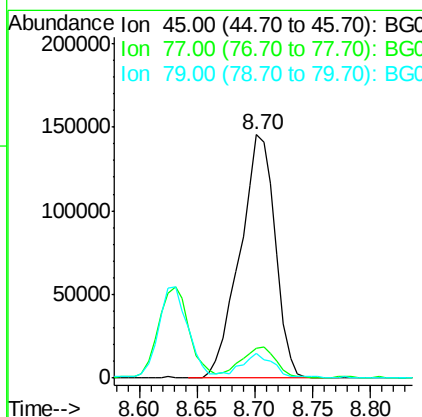
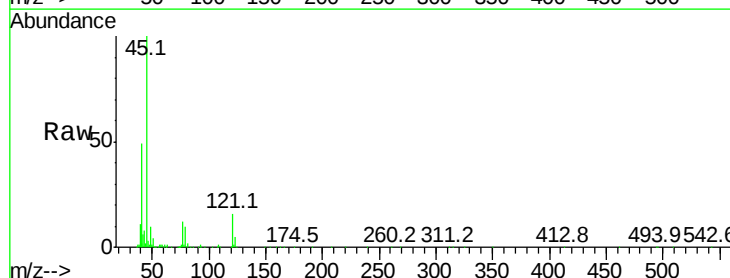
RT: 8.70 min Scan# 998

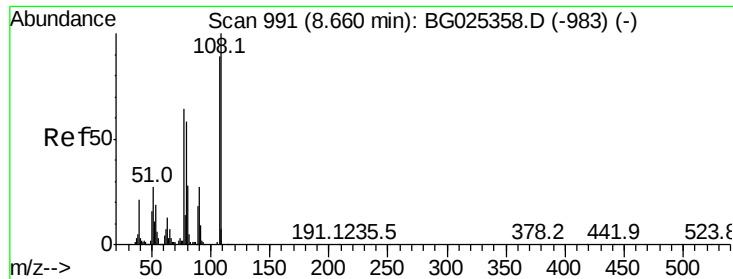
Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Tgt Ion:	45	Resp:	308281
Ion Ratio	Lower	Upper	
45	100		
77	12.1	0.0	30.6
79	10.0	0.0	28.5





#17

2-Methylphenol

Concen: 47.66 ng

RT: 8.63 min Scan# 986

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

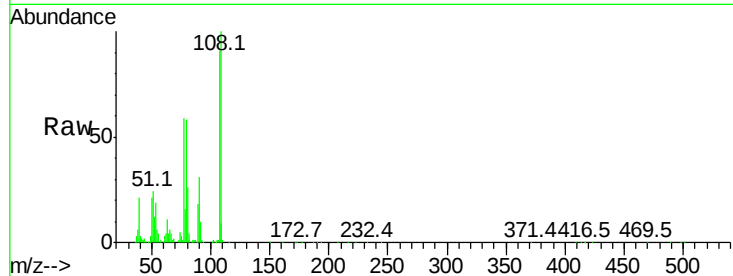
ClientSampleId :

PB96173BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.5	85.6	128.4	
77	64.3	51.4	77.2	
79	64.0	49.2	73.8	

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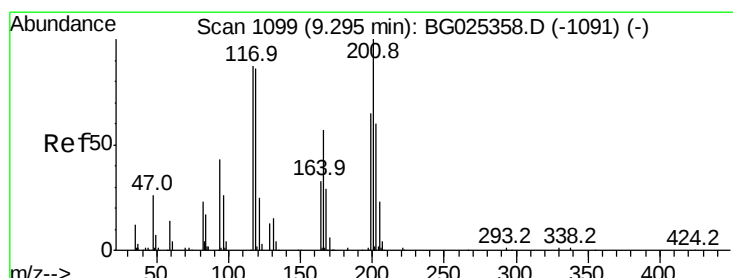
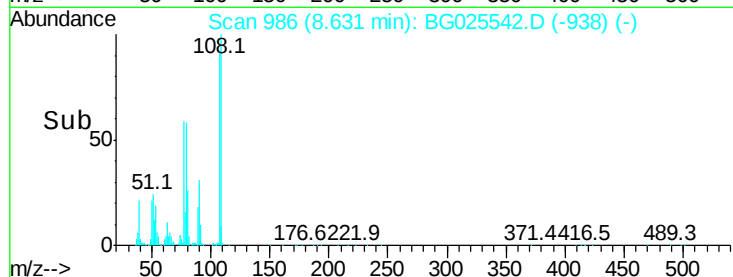
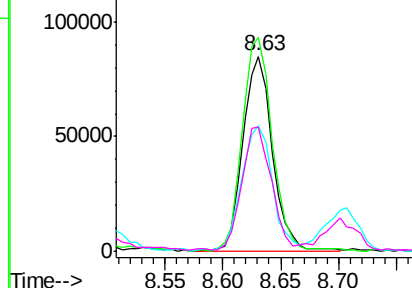


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 44.44 ng

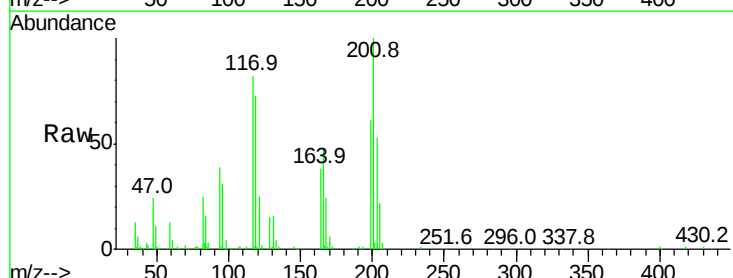
RT: 9.26 min Scan# 1093

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

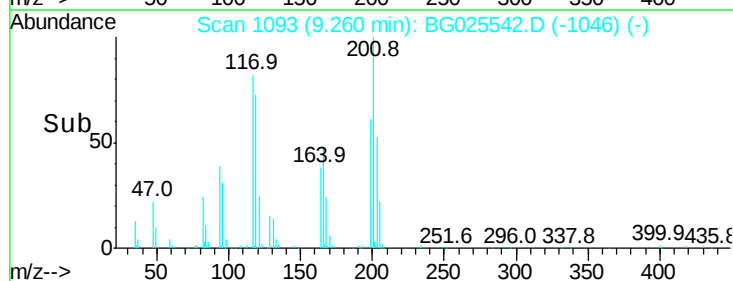
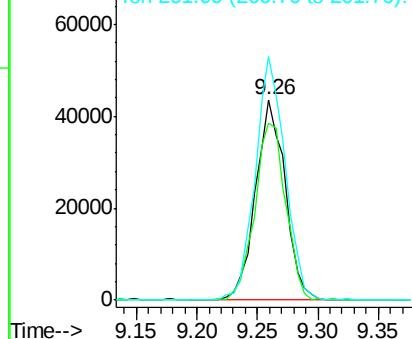
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	88.6	69.8	104.6	
201	125.7	95.4	143.0	

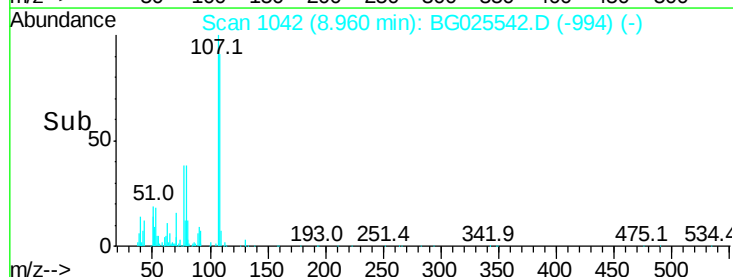
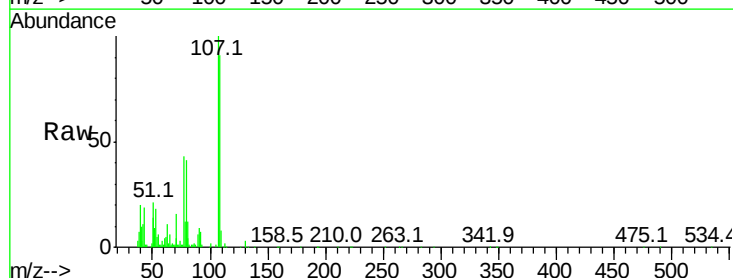
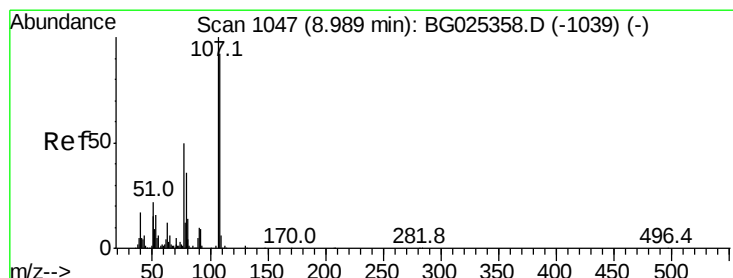
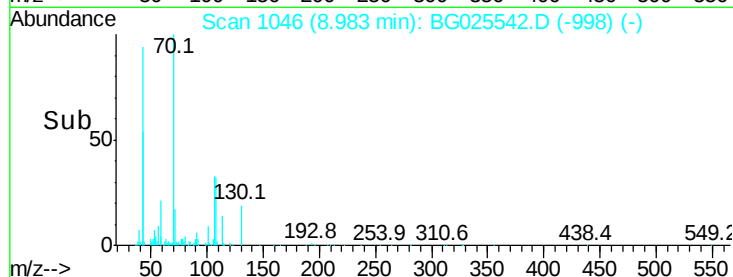
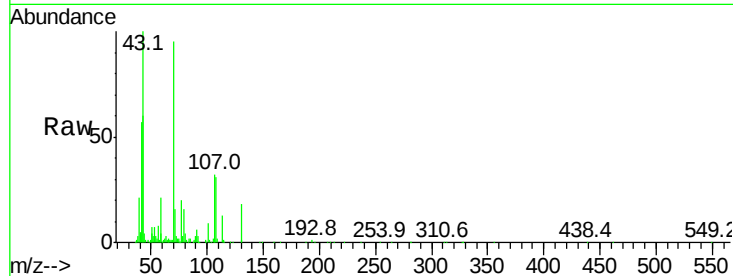
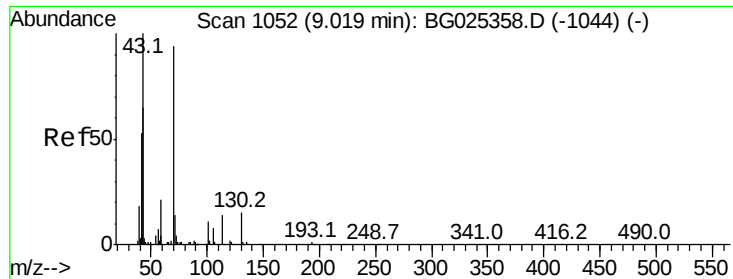


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 46.12 ng

RT: 8.98 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BG025542.D

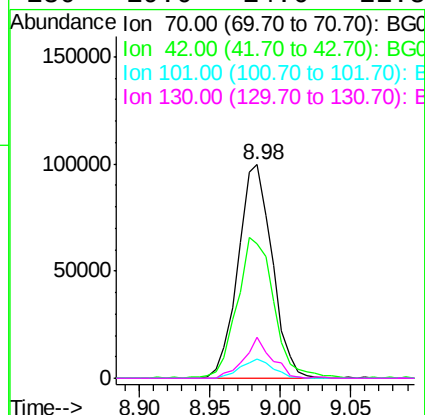
Acq: 20 Jan 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB96173BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.9	56.1	84.1
101	9.3	7.5	11.3
130	19.0	14.6	21.8

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#20

3+4-Methylphenols

Concen: 46.67 ng

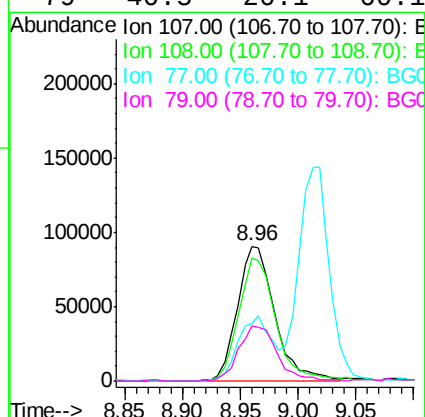
RT: 8.96 min Scan# 1042

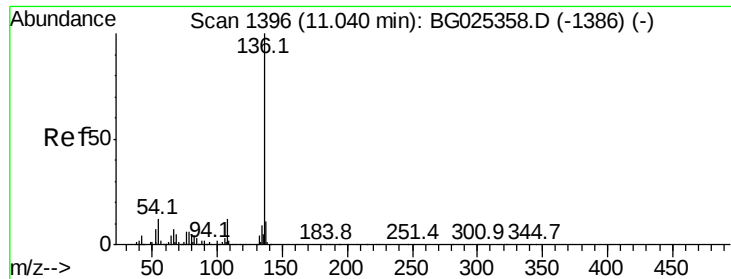
Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	70.8	110.8
77	42.7	25.8	65.8
79	40.5	20.1	60.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.00 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

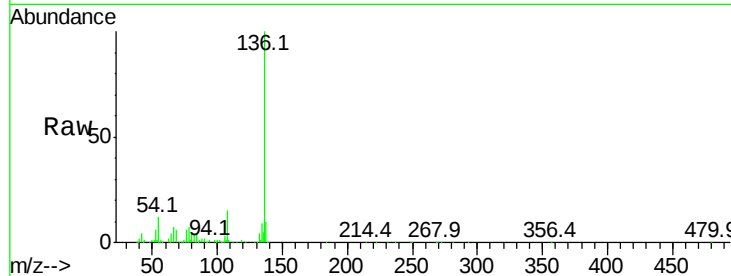
ClientSampleId :

PB96173BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	240346		
137	9.6		8.9	13.3
54	12.1		9.3	13.9
68	5.6		5.1	7.7

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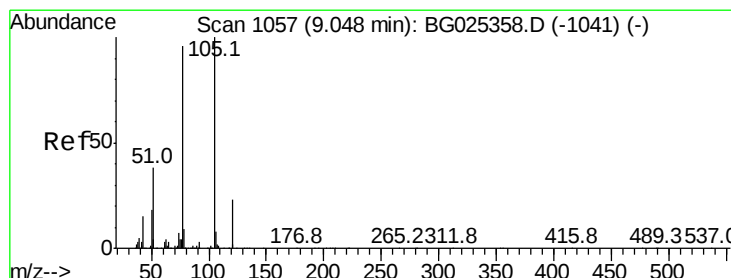
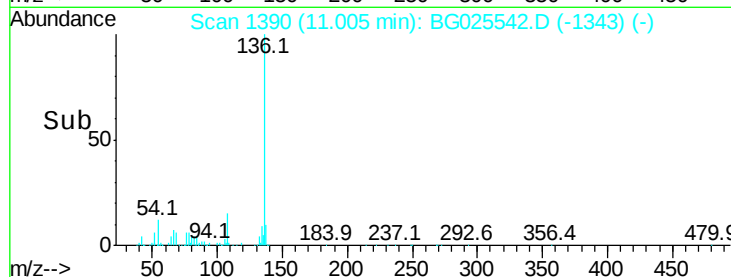
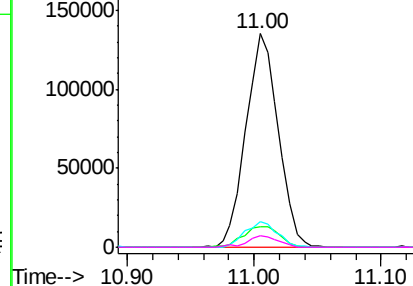
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.66 ng

RT: 9.01 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	291549		
71	0.4		0.9	1.3#
51	41.3		34.0	51.0
120	22.2		17.3	25.9

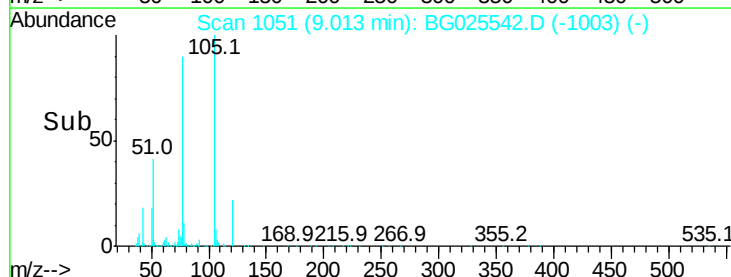
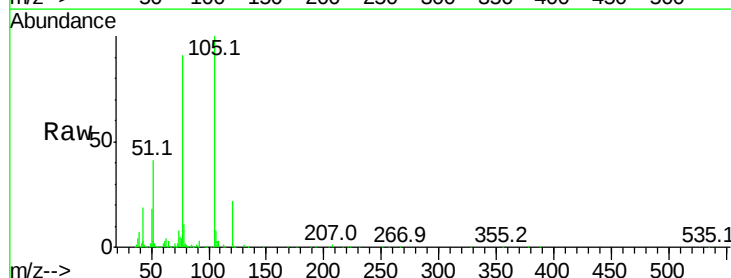
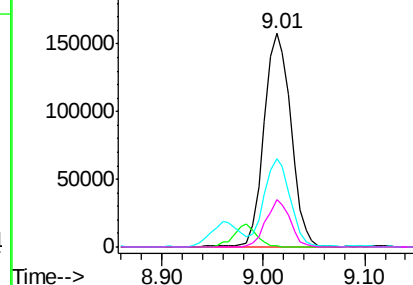
Abundance

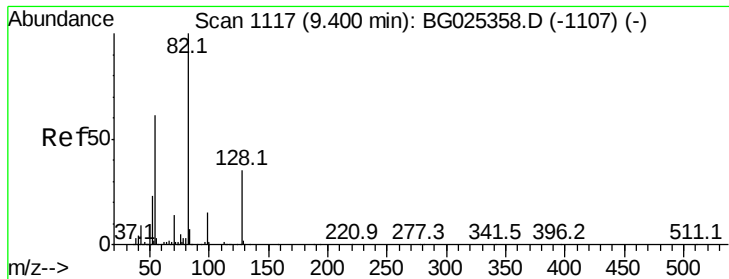
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





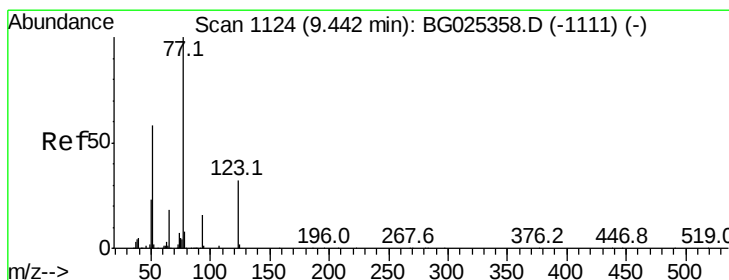
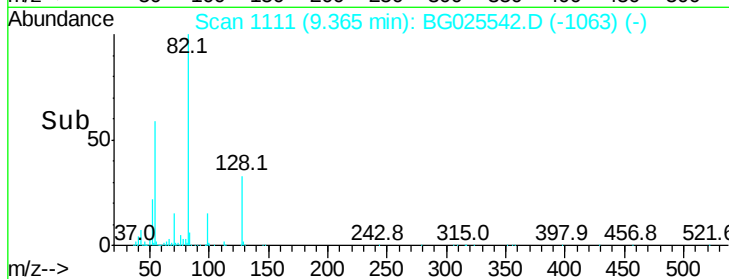
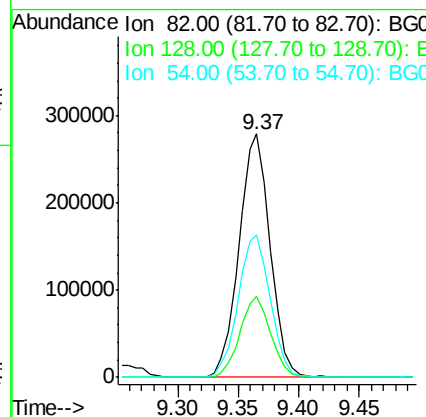
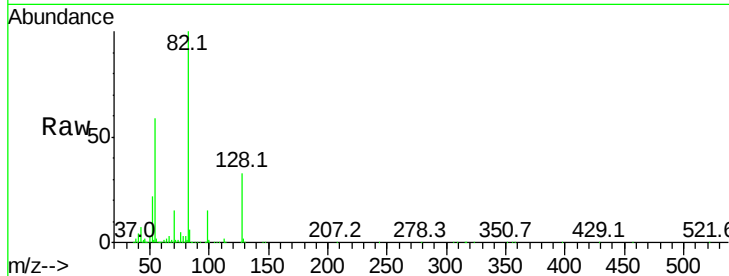
#23
Nitrobenzene-d5
Concen: 91.88 ng
RT: 9.37 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB96173BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.2	26.4	39.6
54	58.5	49.4	74.2

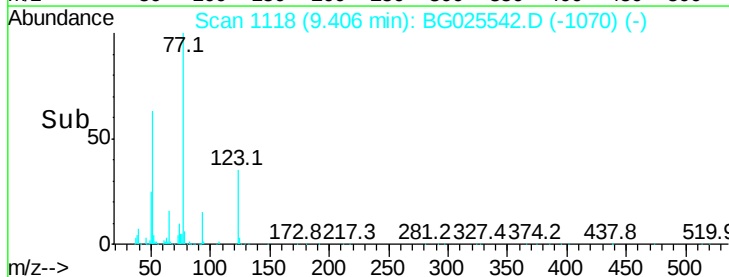
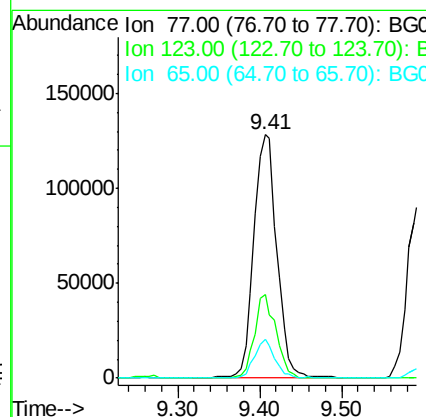
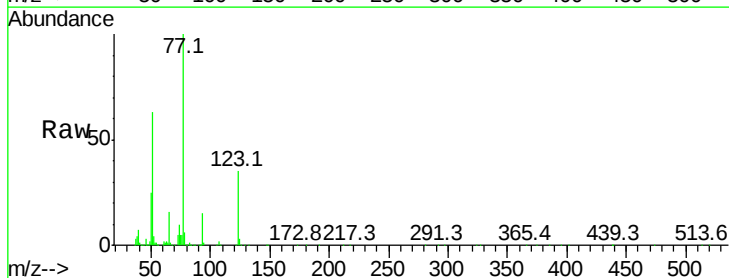
Manual Integrations
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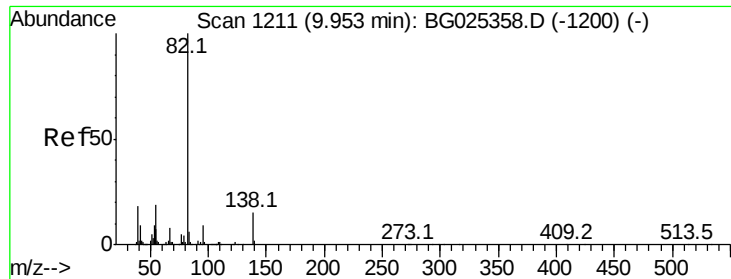
mohammad
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#24
Nitrobenzene
Concen: 42.30 ng
RT: 9.41 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.6	26.1	39.1
65	15.8	12.4	18.6





#25

Isophorone

Concen: 43.93 ng

RT: 9.92 min Scan# 1205

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

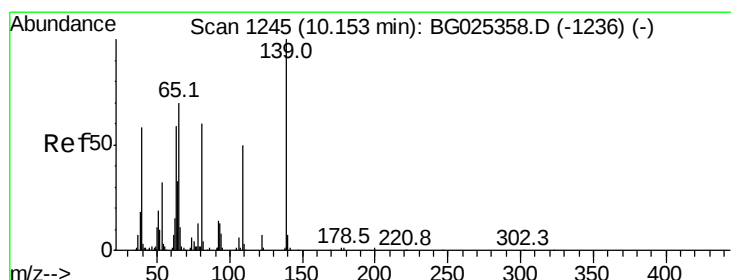
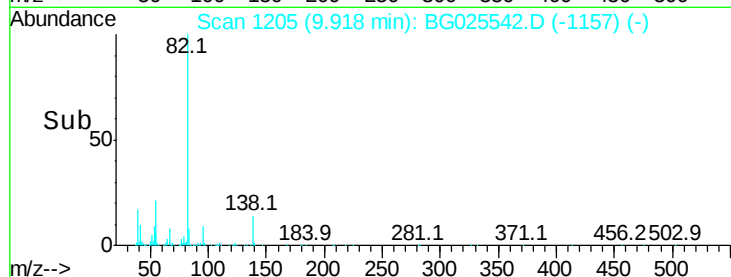
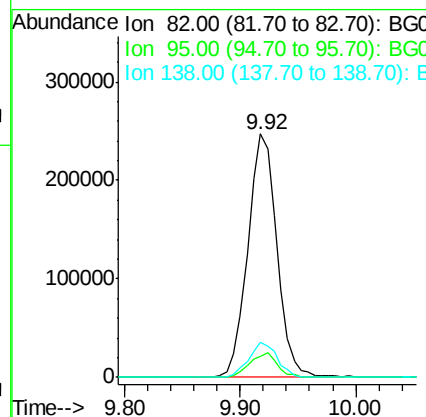
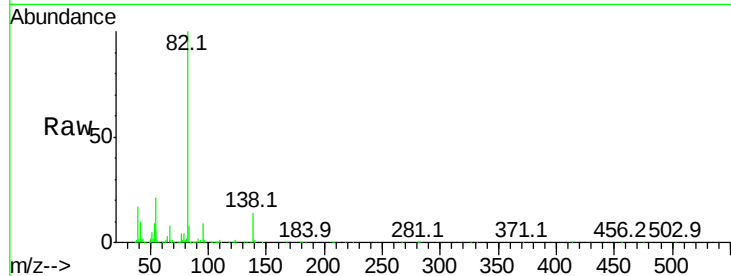
ClientSampleId :

PB96173BS

Tot Ion:	82	Resp:	432713
Ion Ratio	Lower	Upper	
82	100		
95	8.7	7.5	11.3
138	14.3	12.3	18.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.33 ng

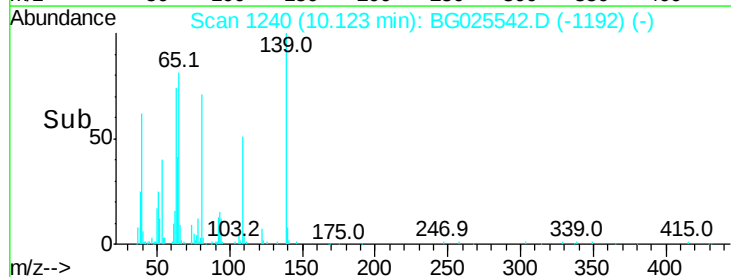
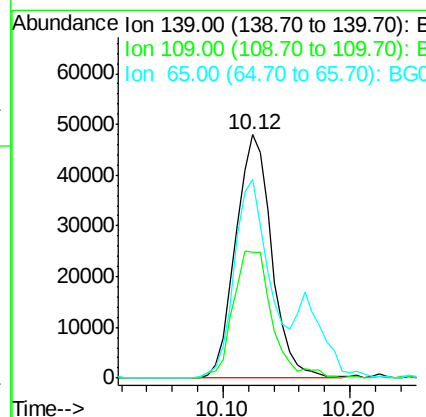
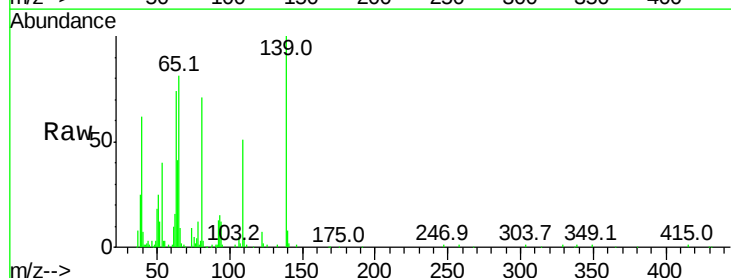
RT: 10.12 min Scan# 1240

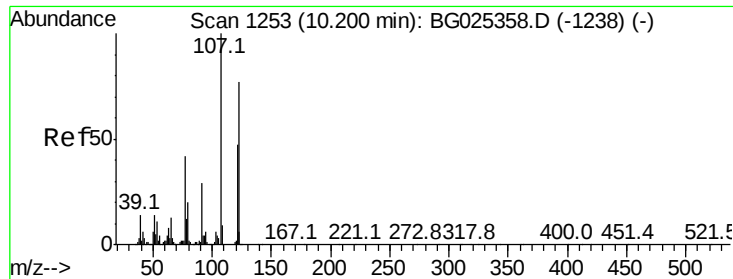
Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Tgt Ion:	139	Resp:	94327
Ion Ratio	Lower	Upper	
139	100		
109	51.4	38.6	58.0
65	81.4	57.1	85.7





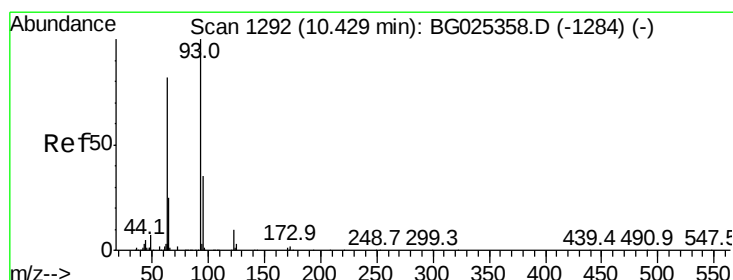
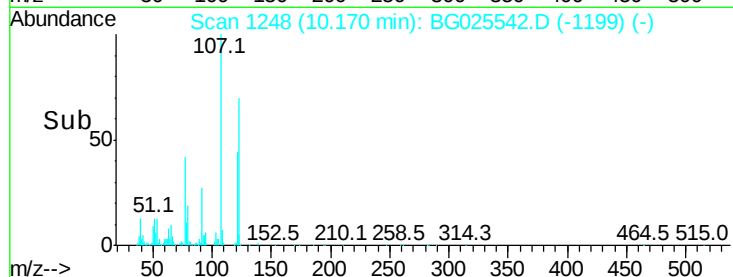
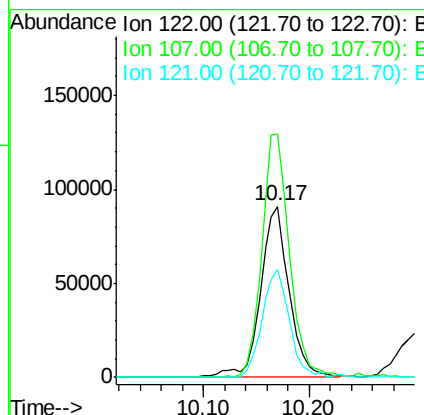
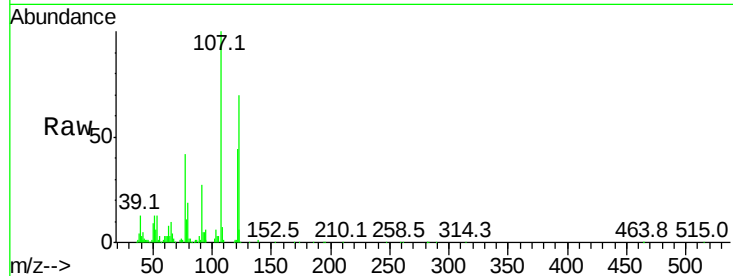
#27
2,4-Dimethylphenol
Concen: 45.54 ng
RT: 10.17 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB96173BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	142.2	104.2	156.4
121	62.8	46.0	69.0

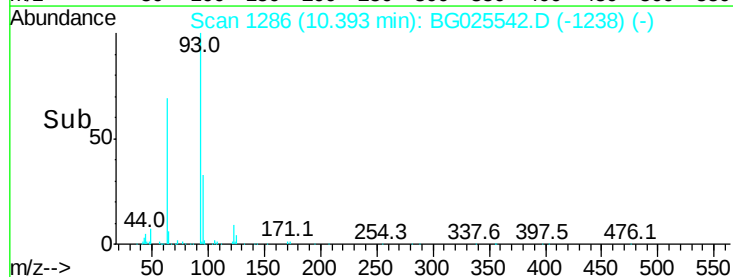
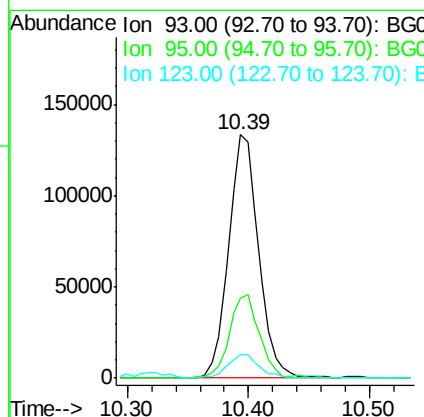
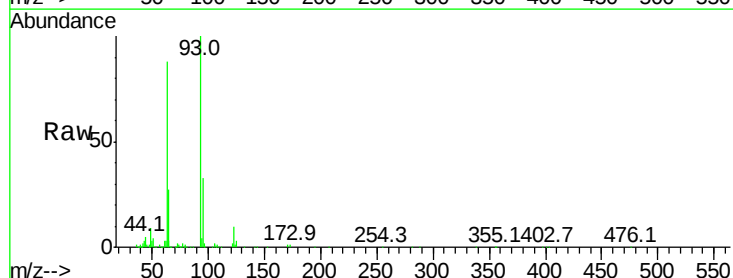
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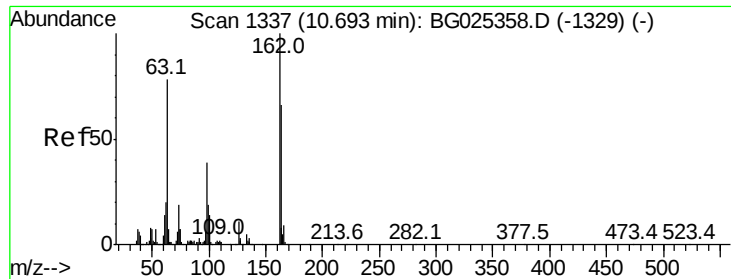
mohammad
1/23/2017 4:59:35 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.72 ng
RT: 10.39 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.7	38.5
123	9.7	8.3	12.5





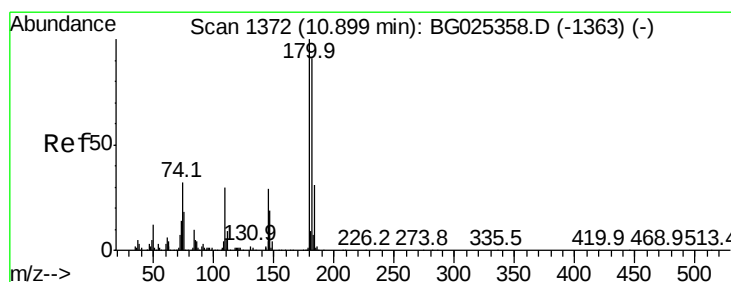
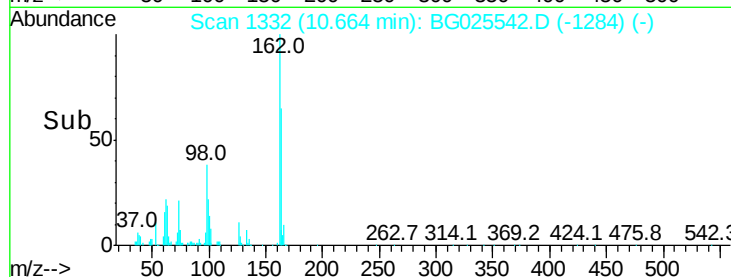
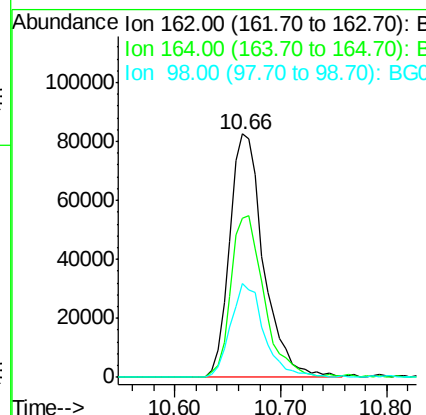
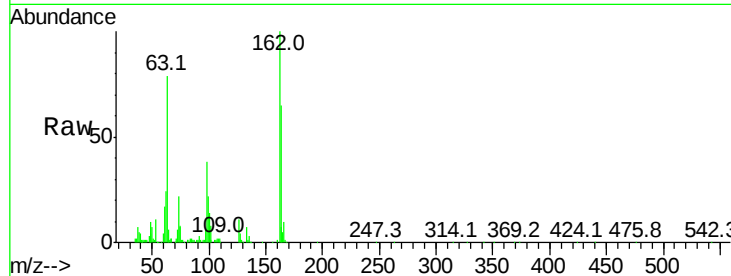
#29
2,4-Dichlorophenol
Concen: 45.69 ng
RT: 10.66 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB96173BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	42.4	82.4
98	38.4	20.3	60.3

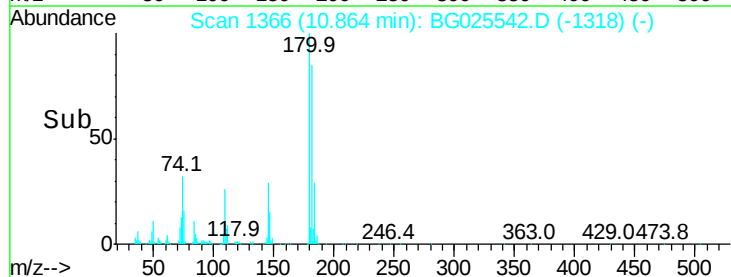
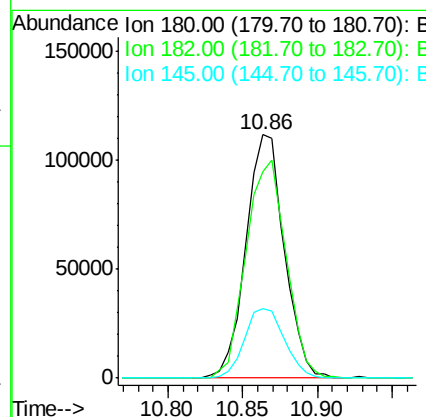
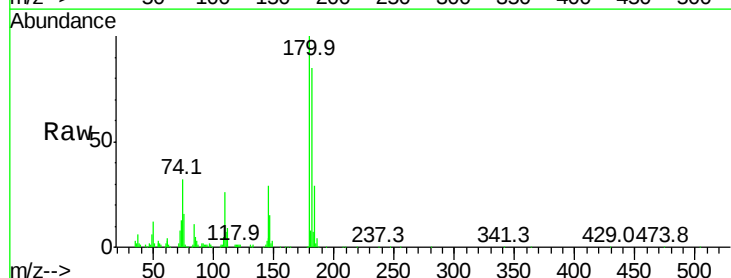
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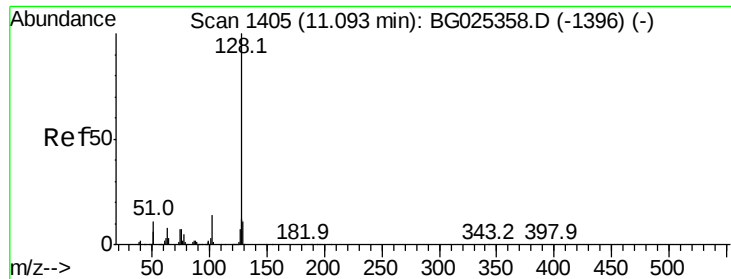
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.91 ng
RT: 10.86 min Scan# 1366
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	84.8	77.0	115.4
145	28.8	23.4	35.0





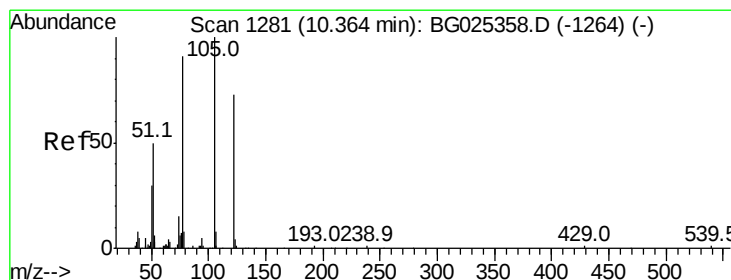
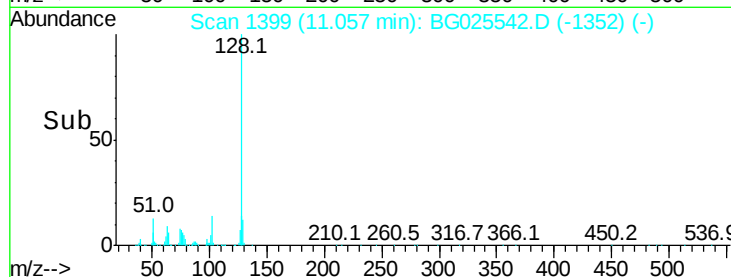
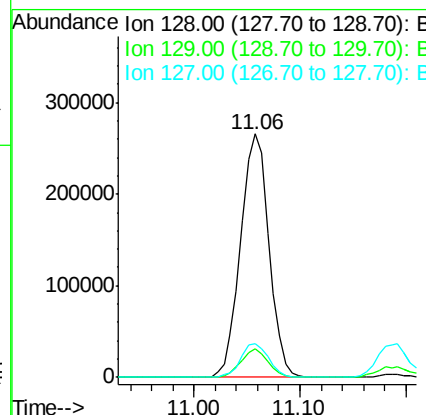
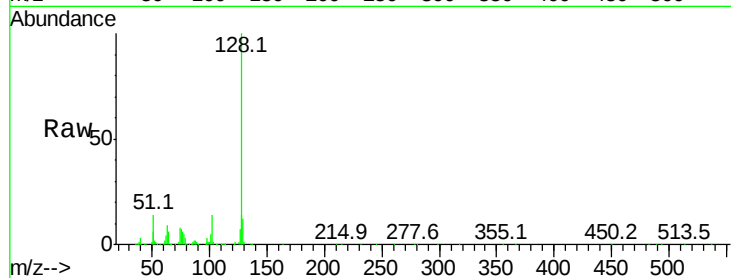
#31
Naphthalene
Concen: 41.08 ng
RT: 11.06 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB96173BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	14.0	11.4	17.0

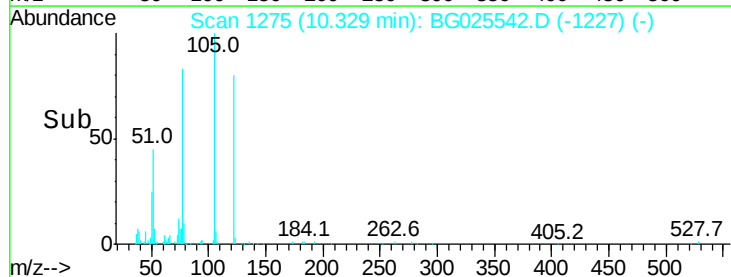
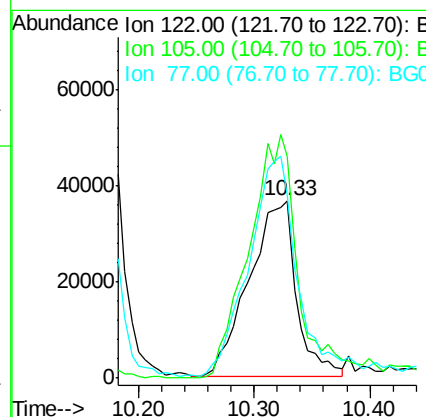
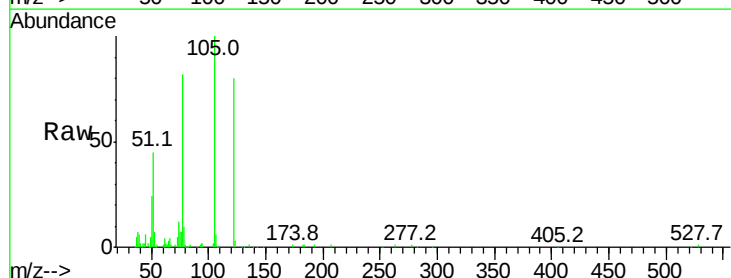
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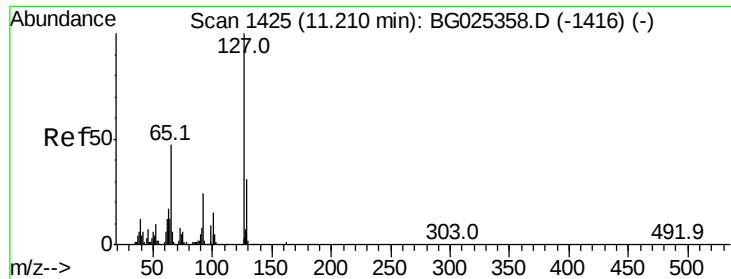
mohammad
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#32
Benzoic acid
Concen: 34.27 ng
RT: 10.33 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.4	120.1	160.1
77	103.2	104.6	144.6





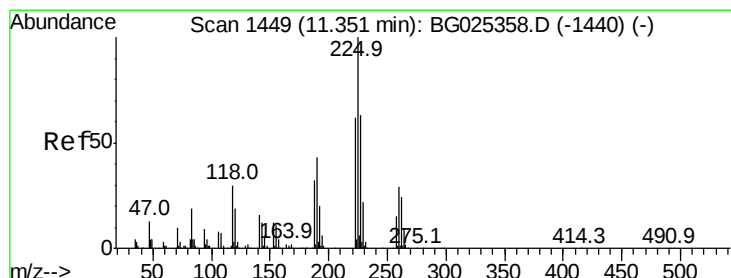
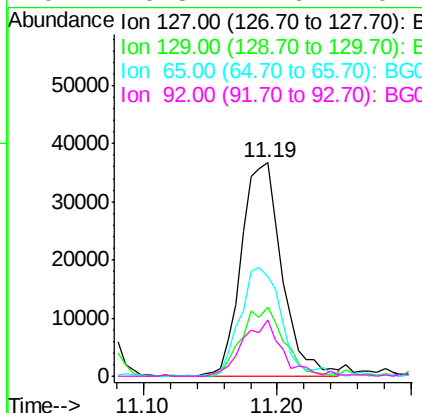
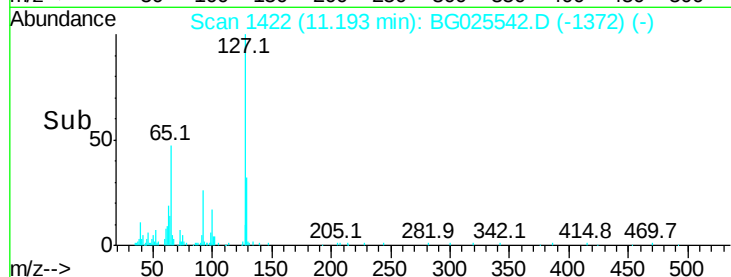
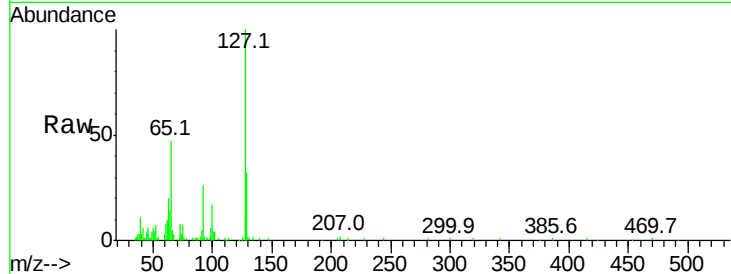
#33
4-Chloroaniline
Concen: 15.27 ng
RT: 11.19 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB96173BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	23.6	35.4		
65	46.8	37.7	56.5		
92	26.3	17.6	26.4		

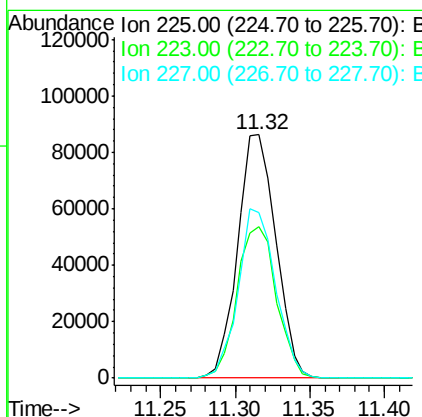
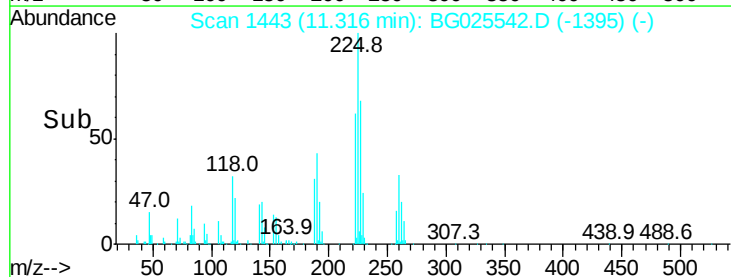
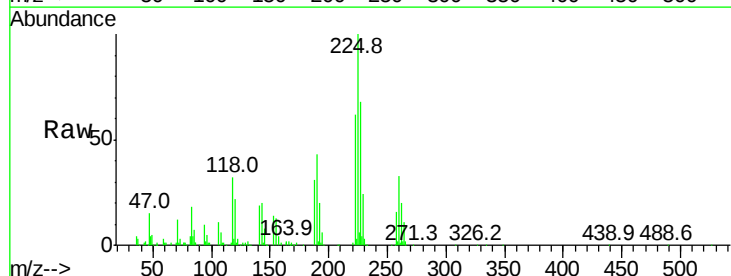
Manual Integrations
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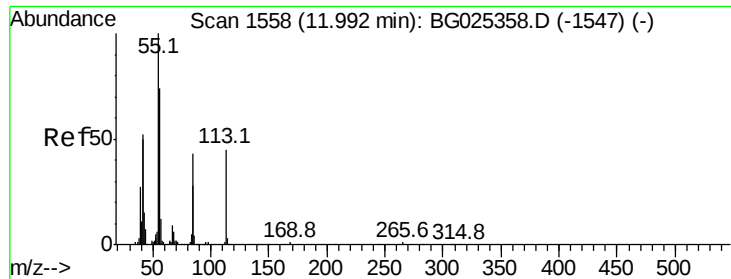
mohammad
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#34
Hexachlorobutadiene
Concen: 38.78 ng
RT: 11.32 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	50.7	76.1		
227	67.8	49.0	73.6		





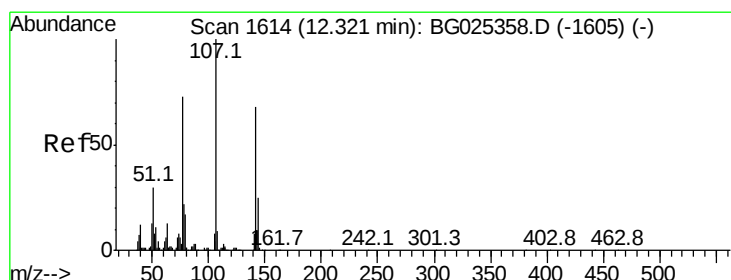
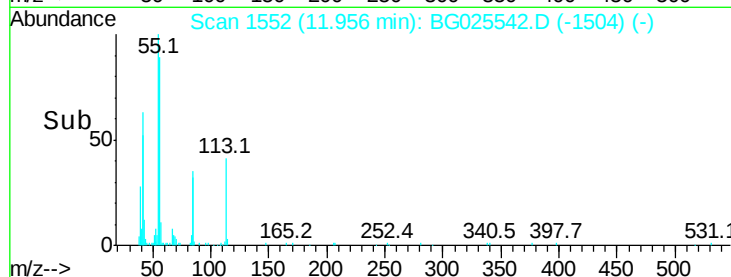
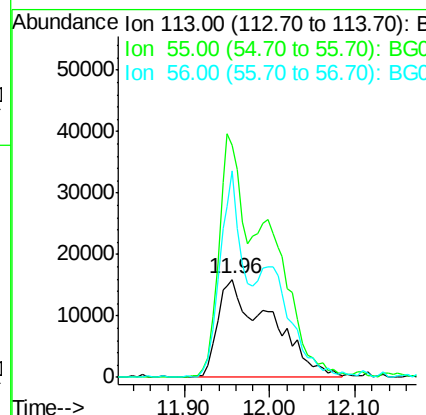
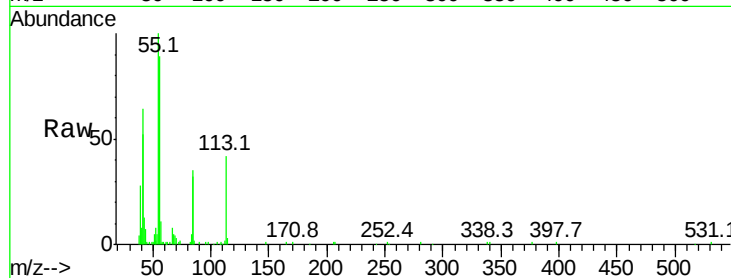
#35
 Caprolactam
 Concen: 45.38 ng/ml
 RT: 11.96 min Scan# 1552
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB96173BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	237.2	198.6	238.6
56	210.6	140.4	180.4

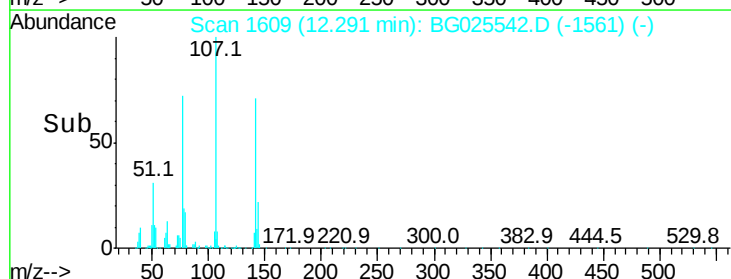
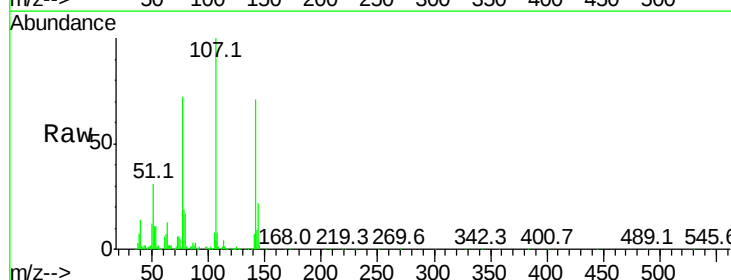
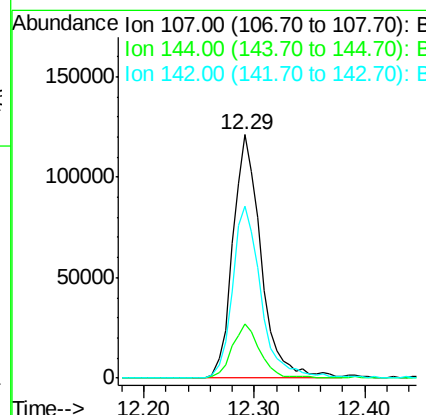
Manual Integrations
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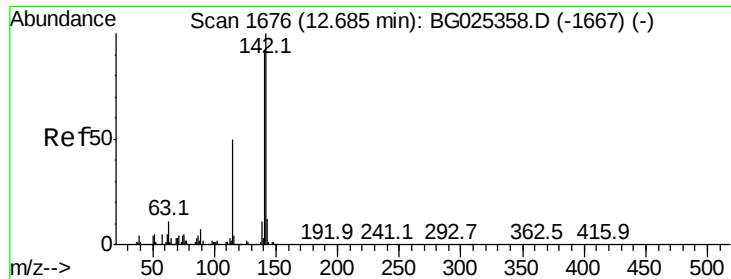
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 43.92 ng/ml
 RT: 12.29 min Scan# 1609
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.4	17.4	26.0
142	70.5	54.1	81.1





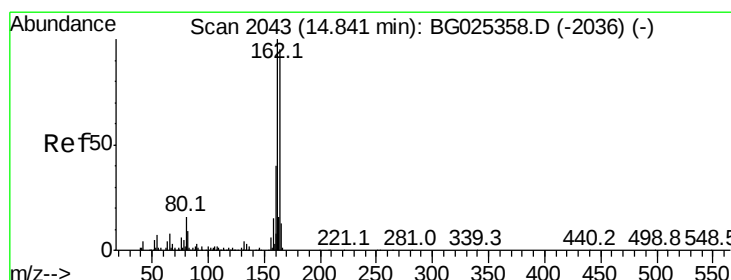
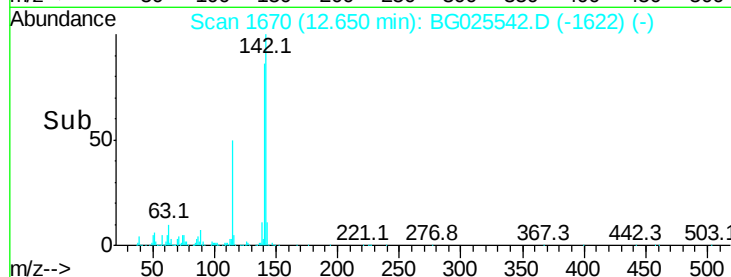
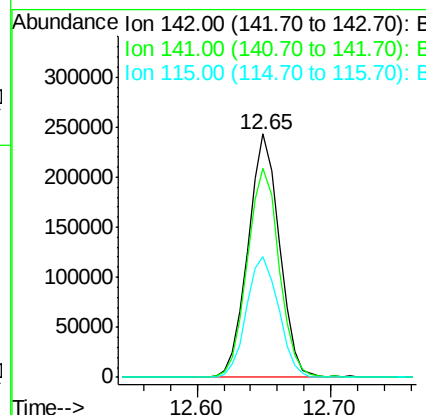
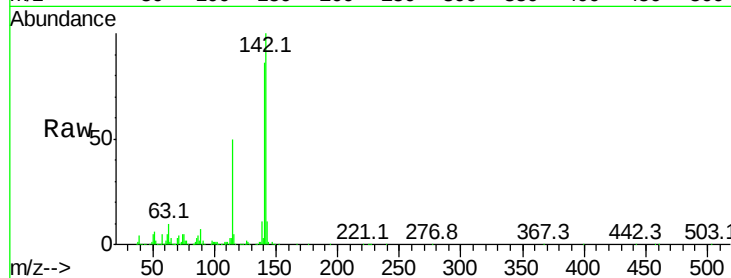
#37
2-Methylnaphthalene
Concen: 44.23 ng
RT: 12.65 min Scan# 1670
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB96173BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.1	70.4	105.6
115	49.7	35.5	53.3

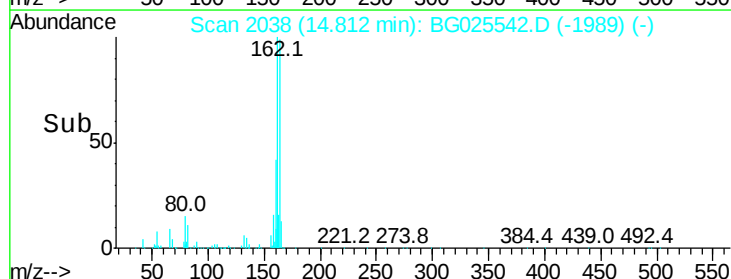
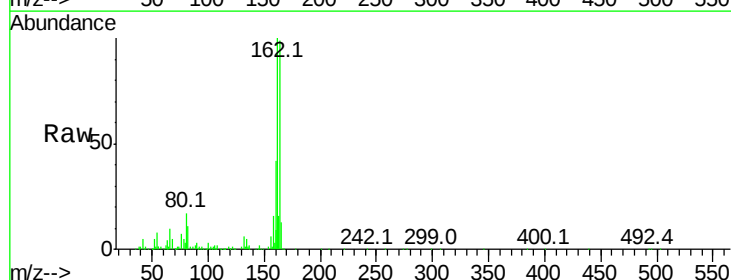
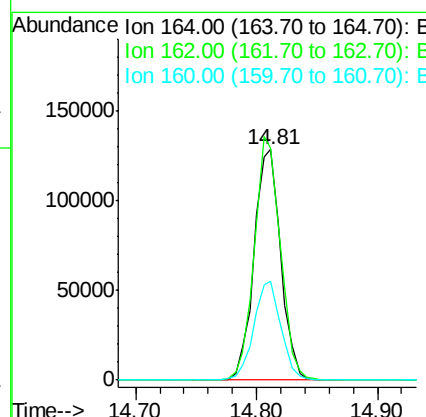
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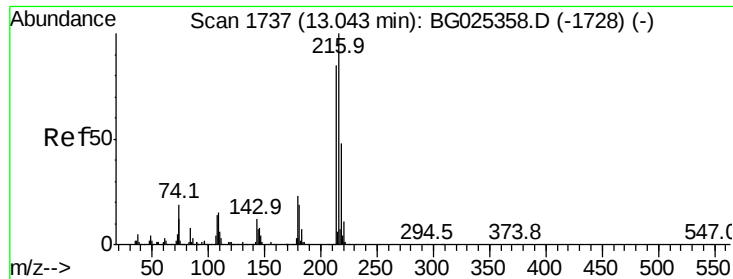
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	85.1	127.7
160	42.6	34.7	52.1





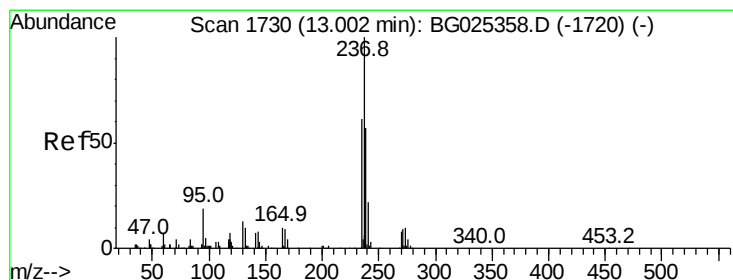
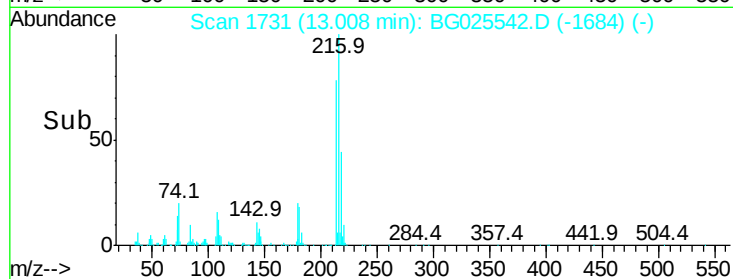
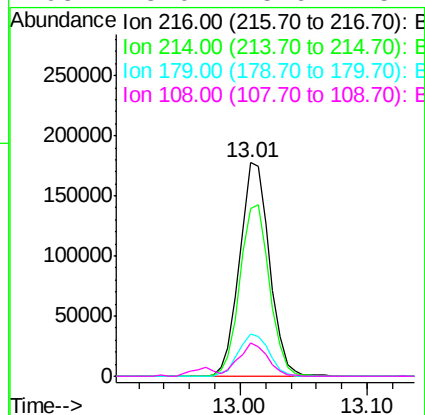
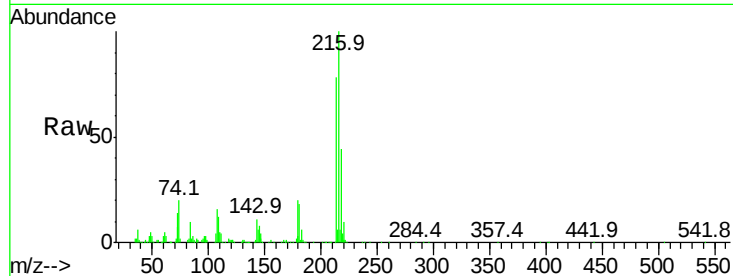
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.33 ng
 RT: 13.01 min Scan# 1731
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB96173BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	289892		
214	78.9	64.4	96.6	
179	20.3	17.4	26.0	
108	15.0	15.6	23.4	

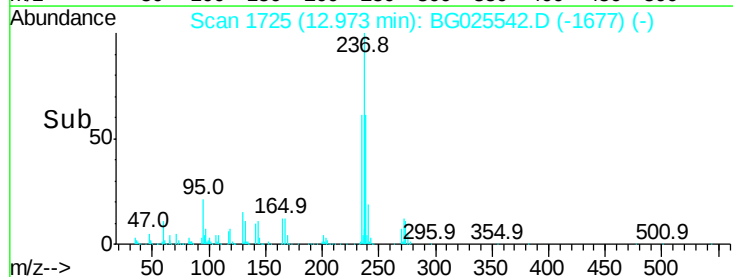
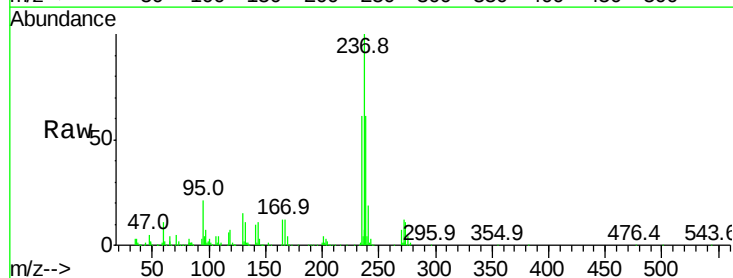
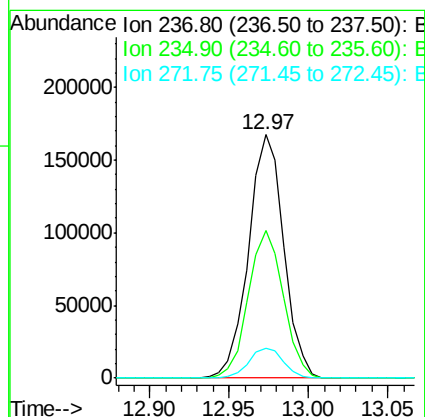
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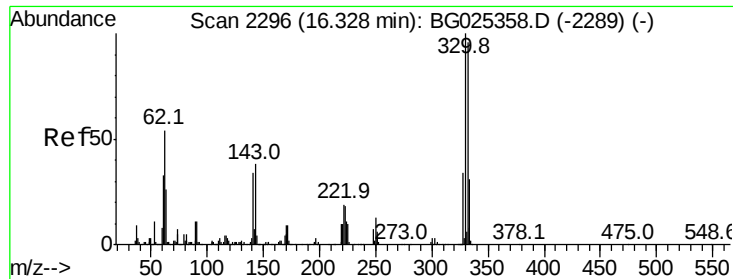
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 105.02 ng
 RT: 12.97 min Scan# 1725
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	257995		
235	60.7	39.4	79.4	
272	12.1	0.0	32.0	





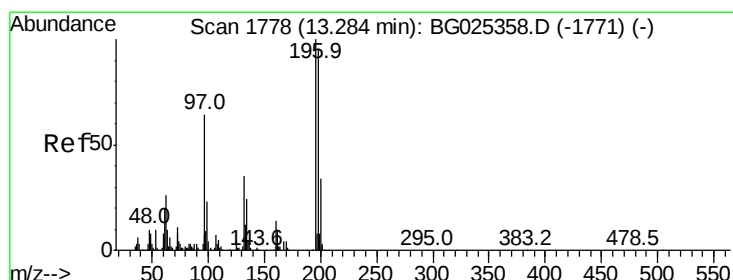
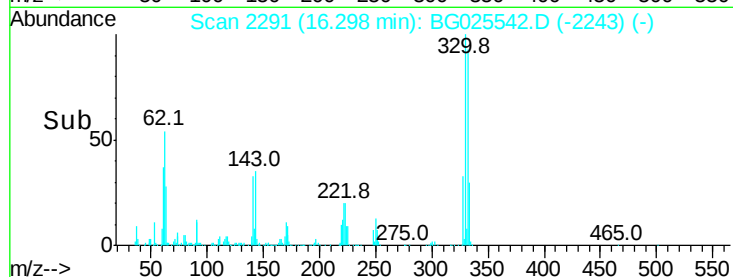
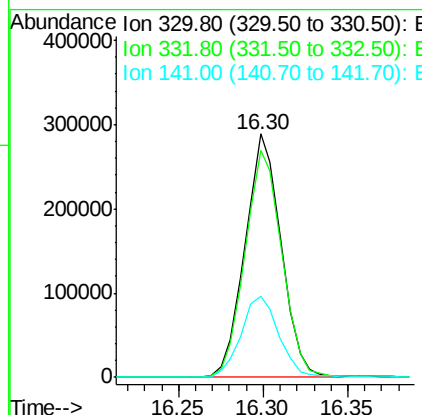
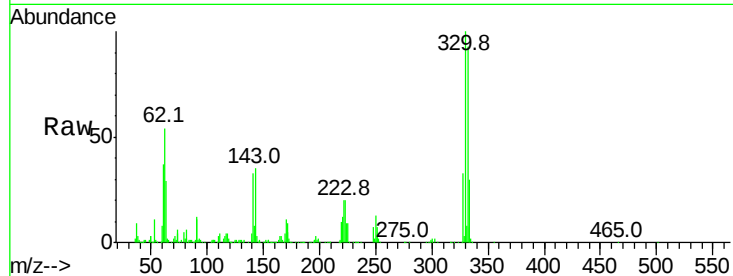
#41
 2,4,6-Tribromophenol
 Concen: 134.85 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB96173BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.3	115.9
141	35.2	32.1	48.1

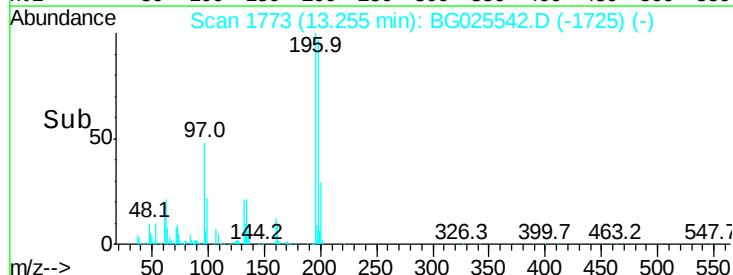
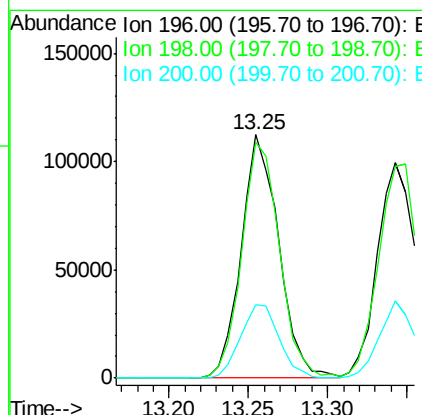
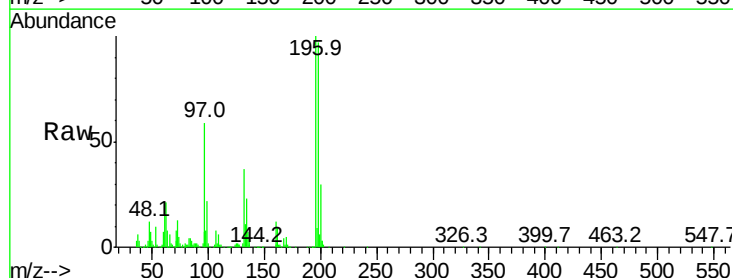
Manual Integrations
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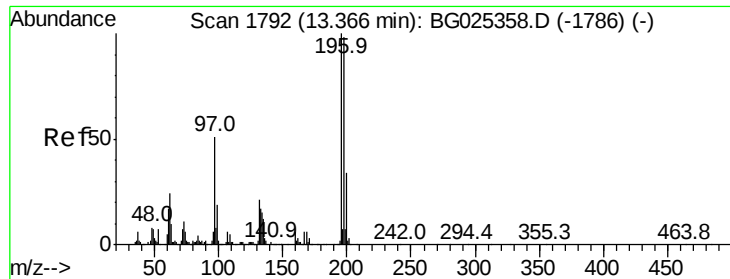
mohammad
 1/23/2017 4:59:35 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.90 ng
 RT: 13.25 min Scan# 1773
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	81.4	122.2
200	30.1	27.0	40.6





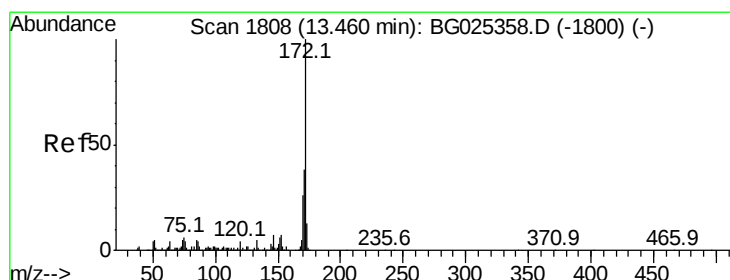
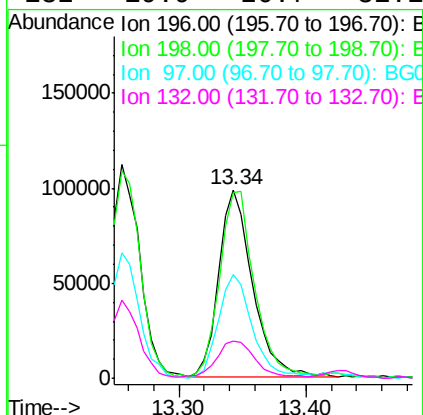
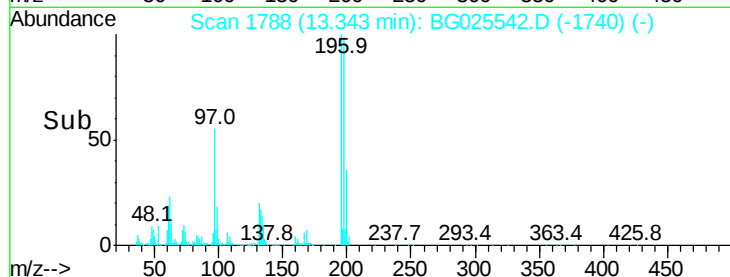
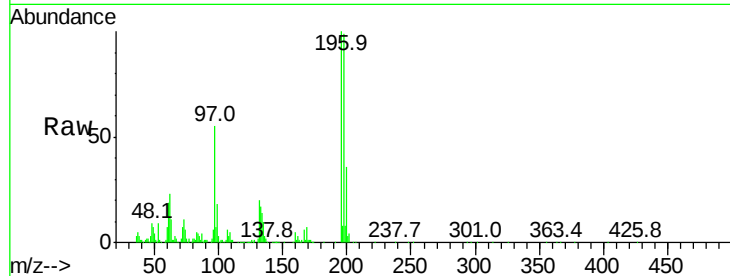
#43
2,4,5-Trichlorophenol
Concen: 42.45 ng
RT: 13.34 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB96173BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	79.9	119.9
97	54.7	45.4	68.0
132	19.9	20.7	31.1#

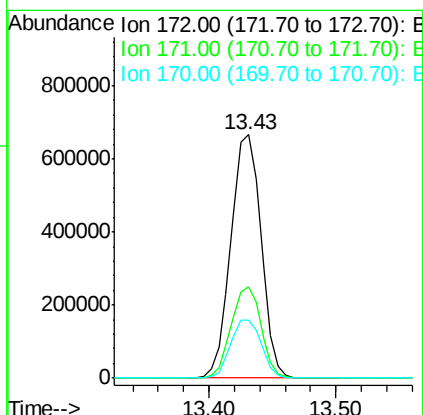
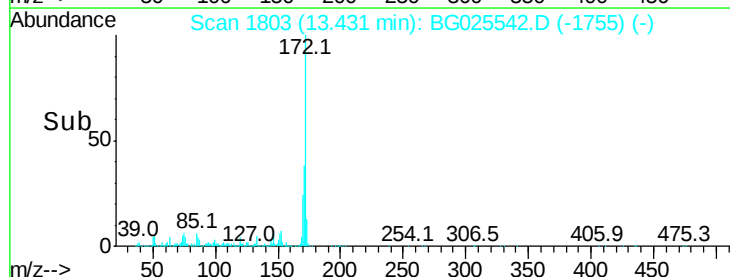
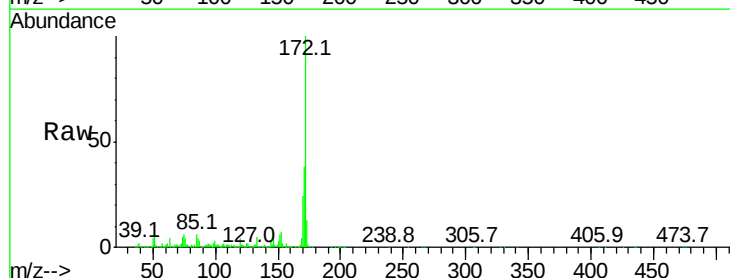
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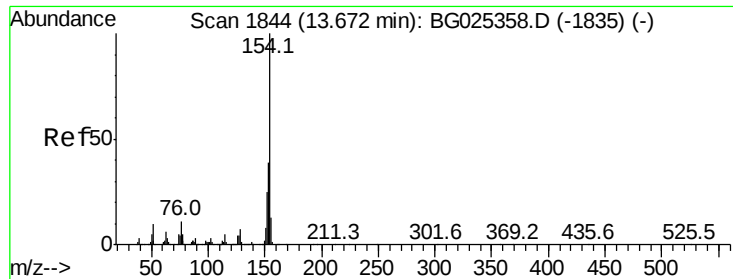
mohammad
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#44
2-Fluorobiphenyl
Concen: 89.58 ng
RT: 13.43 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	32.2	48.2
170	23.7	21.8	32.6





#45

1,1'-Biphenyl

Concen: 44.78 ng

RT: 13.64 min Scan# 1839

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

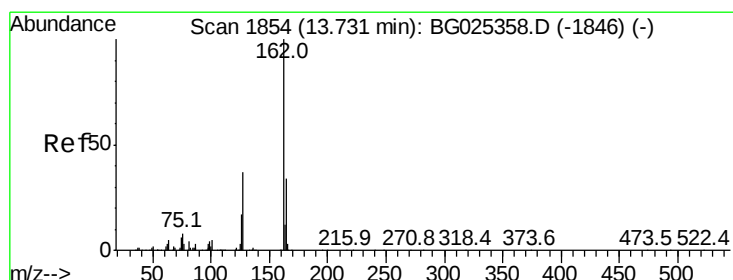
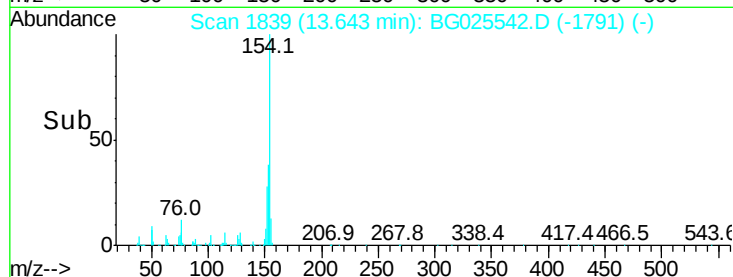
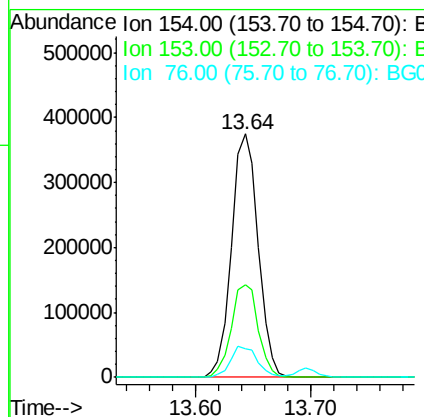
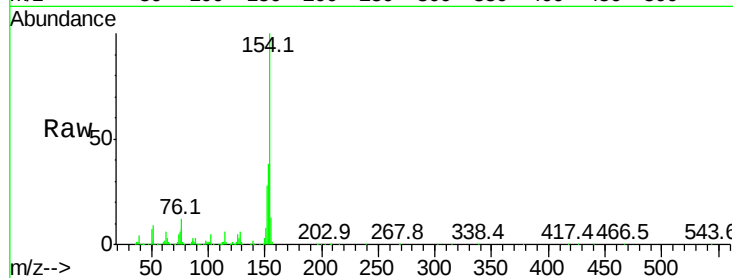
ClientSampled :

PB96173BS

Tot Ion:	154	Resp:	596665
Ion Ratio	Lower	Upper	
154	100		
153	38.2	23.0	63.0
76	11.6	0.0	33.5

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#46

2-Chloronaphthalene

Concen: 42.66 ng

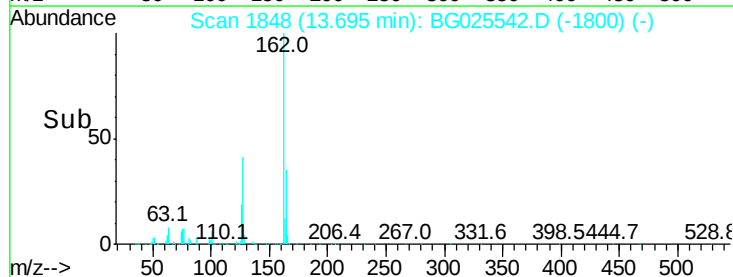
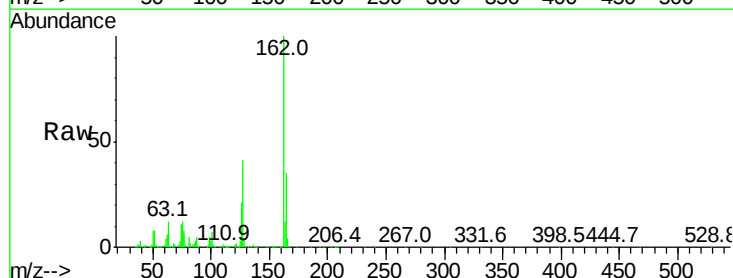
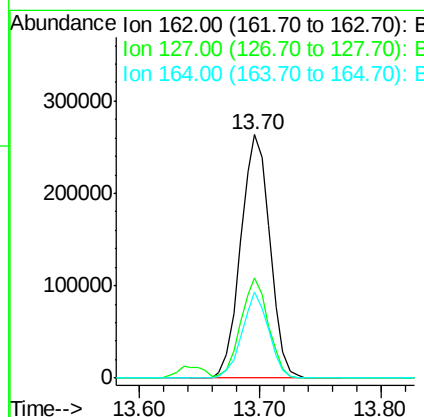
RT: 13.70 min Scan# 1848

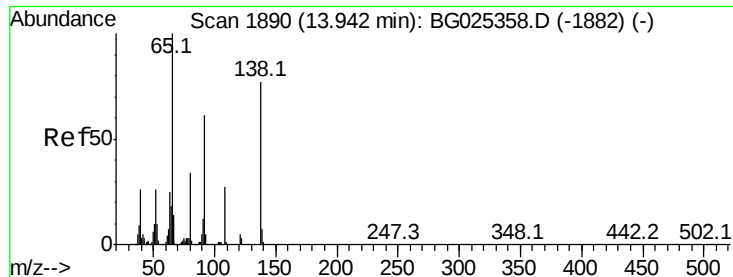
Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Tgt Ion:	162	Resp:	444088
Ion Ratio	Lower	Upper	
162	100		
127	41.3	32.2	48.4
164	35.5	27.3	40.9





#47

2-Nitroaniline

Concen: 41.44 ng

RT: 13.91 min Scan# 1885

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

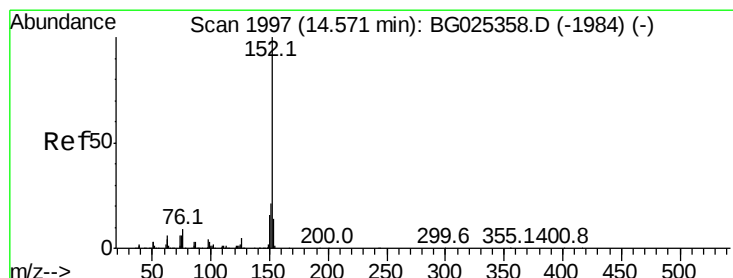
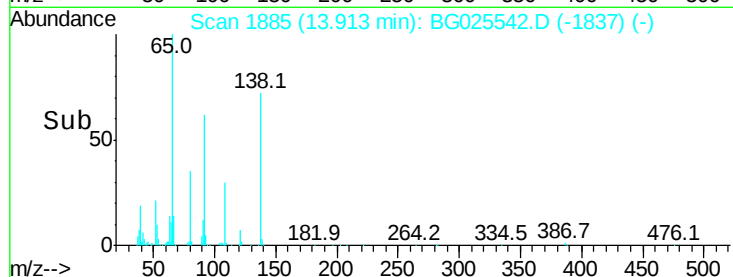
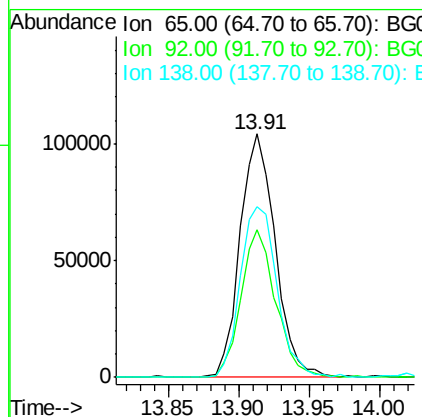
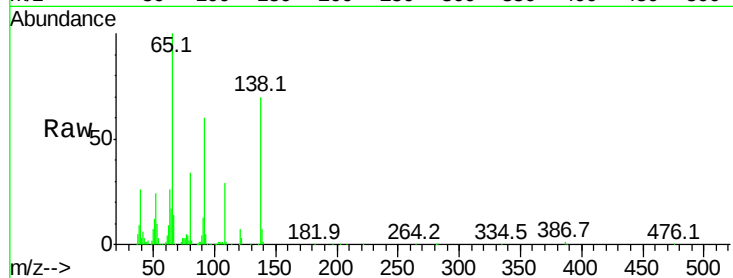
ClientSampled :

PB96173BS

Tot Ion:	65	Resp:	182088
Ion Ratio	Lower	Upper	
65	100		
92	60.4	49.0	73.4
138	70.1	58.6	87.8

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#48

Acenaphthylene

Concen: 42.88 ng

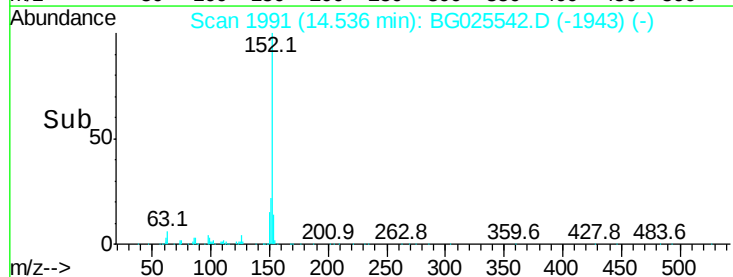
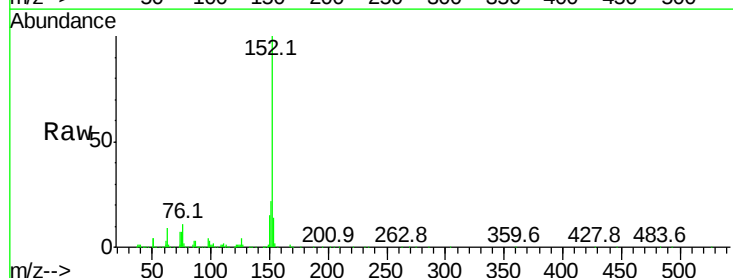
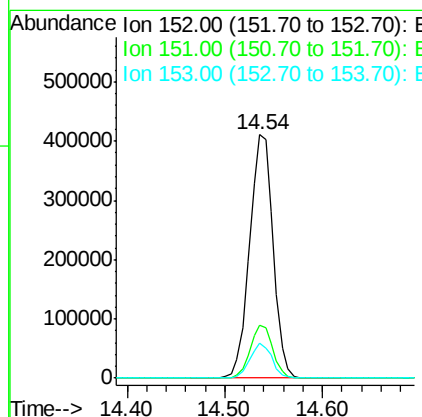
RT: 14.54 min Scan# 1991

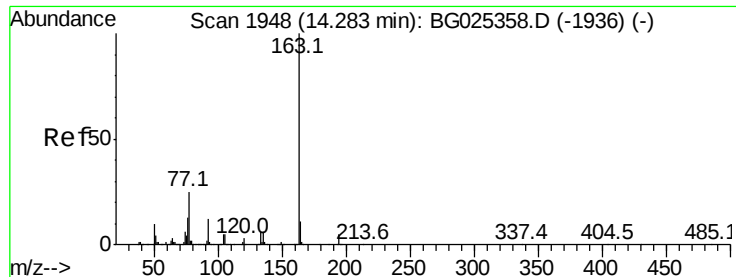
Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Tgt Ion:	152	Resp:	691858
Ion Ratio	Lower	Upper	
152	100		
151	21.7	18.2	27.2
153	14.2	11.3	16.9





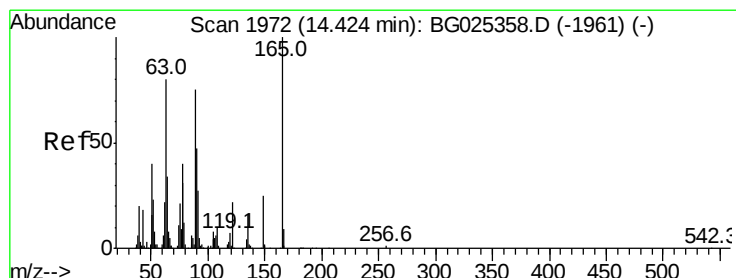
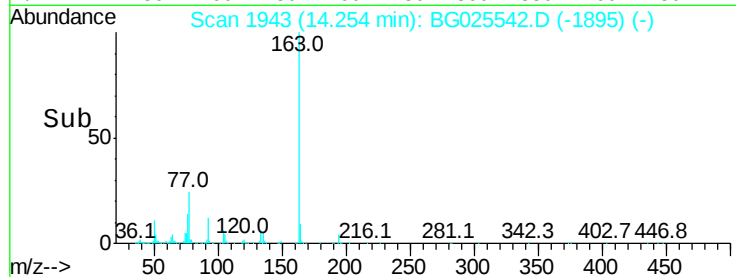
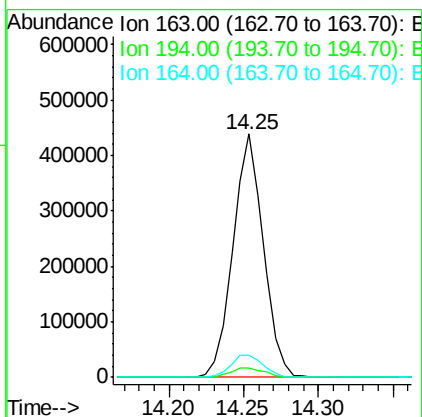
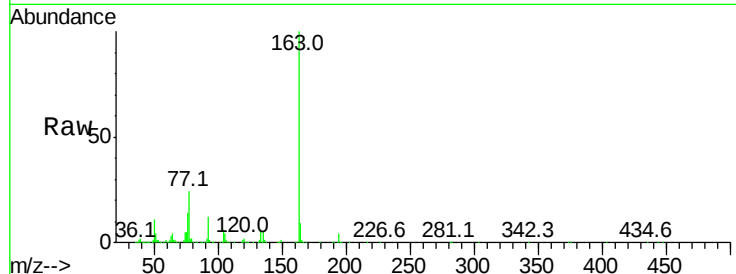
#49
Dimethylphthalate
Concen: 42.95 ng
RT: 14.25 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB96173BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7	3.8	5.6#	
164	9.0	9.3	13.9#	

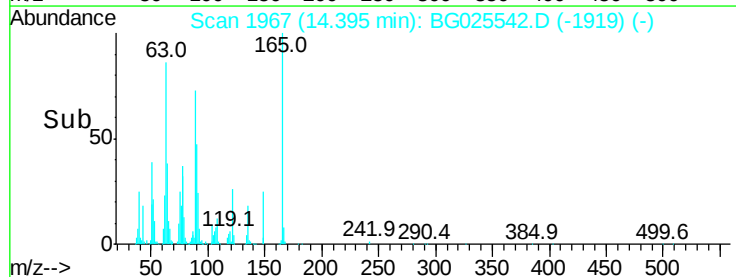
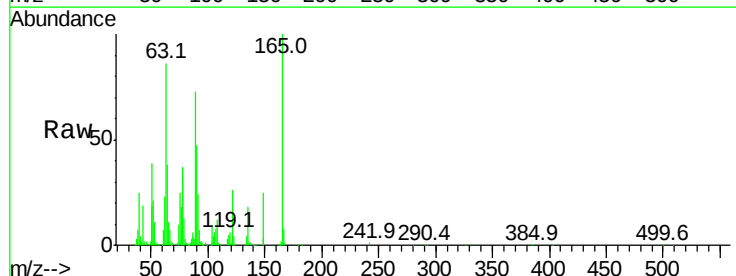
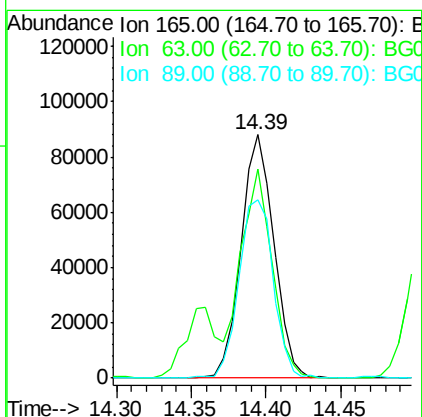
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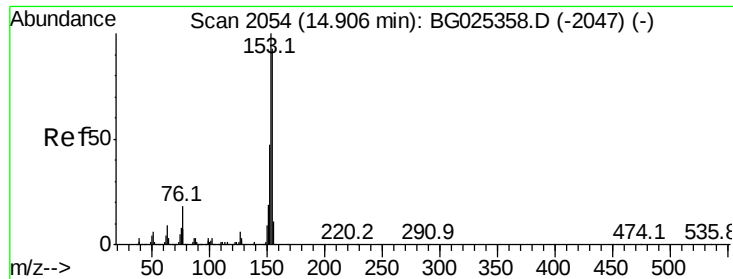
mohammad
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#50
2,6-Dinitrotoluene
Concen: 42.29 ng
RT: 14.39 min Scan# 1967
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	86.1	63.9	95.9	
89	73.3	58.6	88.0	





#51

Acenaphthene

Concen: 40.67 ng

RT: 14.87 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

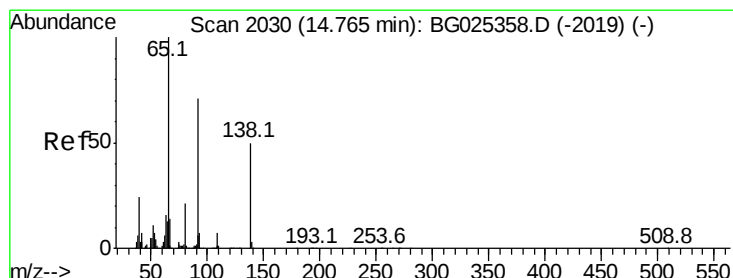
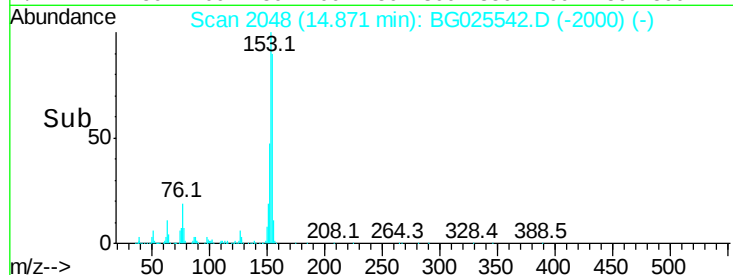
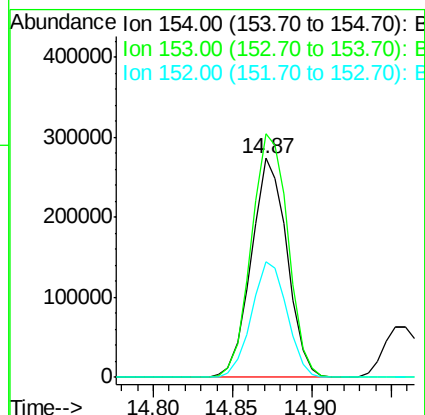
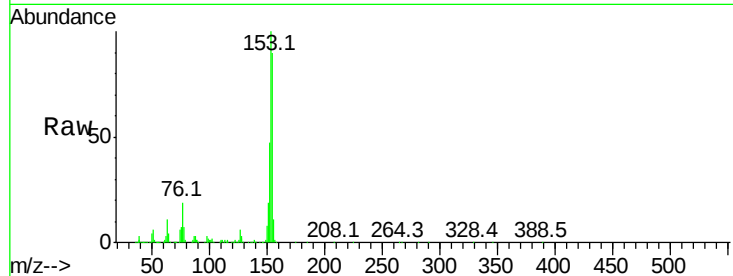
ClientSampleId :

PB96173BS

Tot Ion:	154	Resp:	429131
Ion Ratio	Lower	Upper	
154	100		
153	111.2	87.8	131.6
152	52.6	42.2	63.4

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#52

3-Nitroaniline

Concen: 19.14 ng

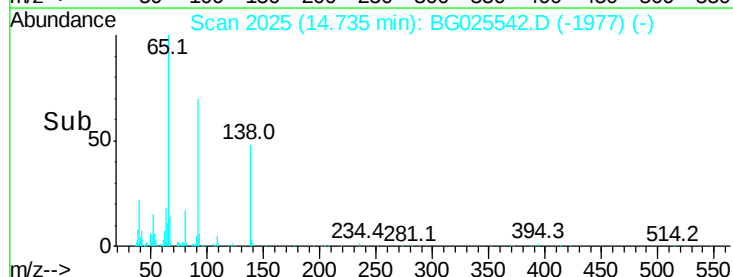
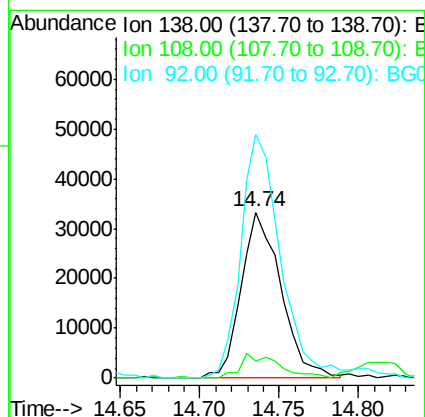
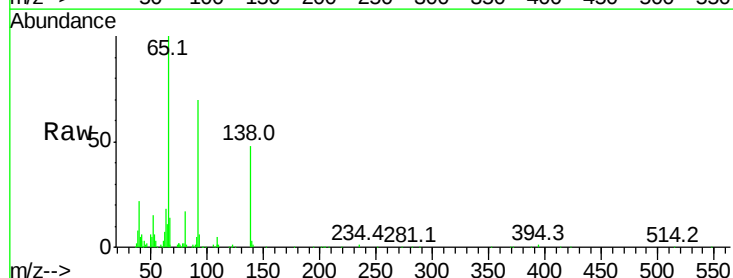
RT: 14.74 min Scan# 2025

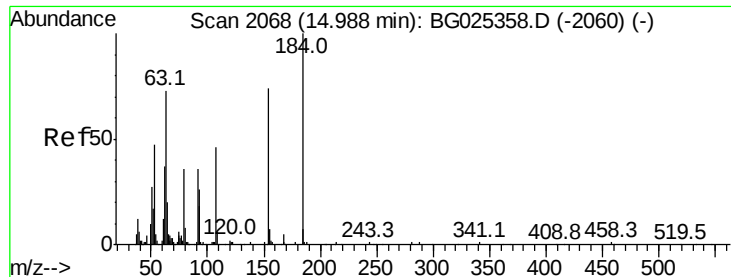
Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Tgt Ion:	138	Resp:	58061
Ion Ratio	Lower	Upper	
138	100		
108	10.3	10.9	16.3#
92	147.0	115.3	172.9





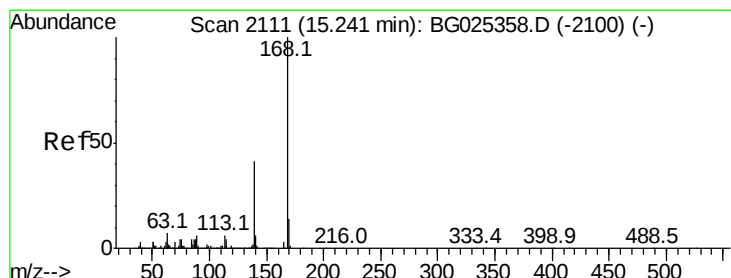
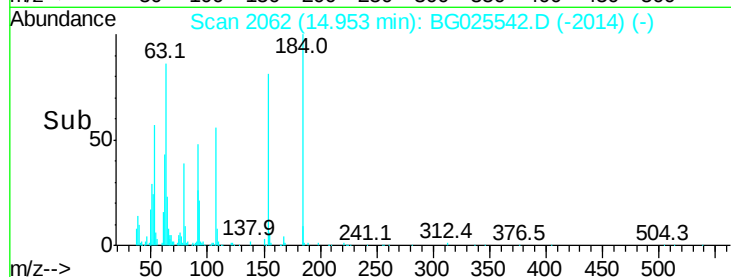
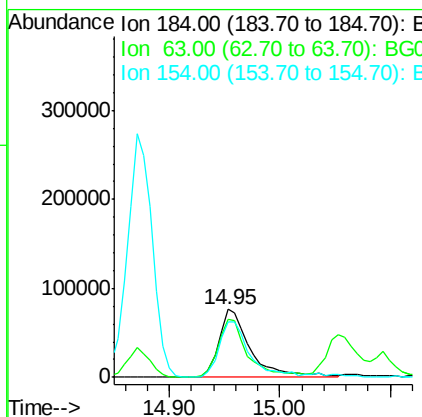
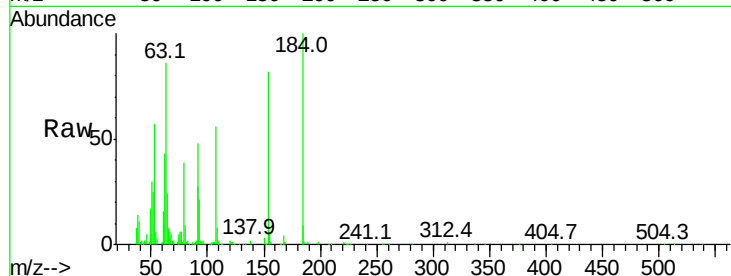
#53
2,4-Dinitrophenol
Concen: 73.76 ng
RT: 14.95 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB96173BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	86.3	52.7	79.1#
154	81.8	57.3	85.9

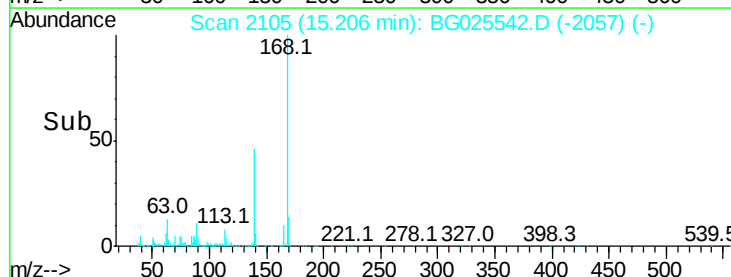
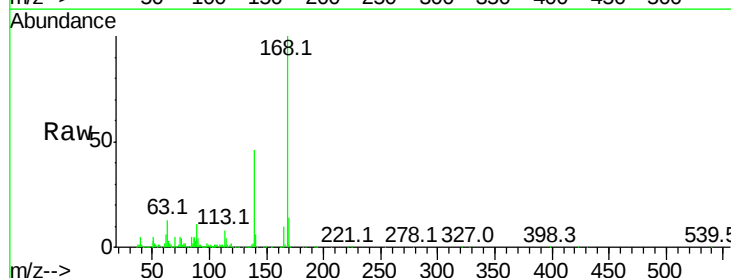
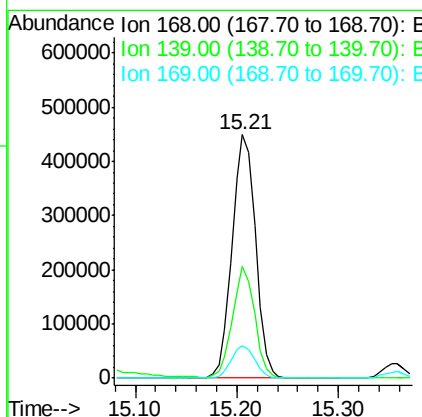
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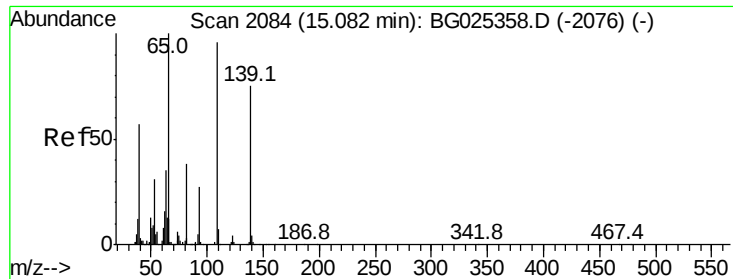
mohammad
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#54
Dibenzofuran
Concen: 43.09 ng
RT: 15.21 min Scan# 2105
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	45.8	35.3	52.9
169	13.5	11.5	17.3





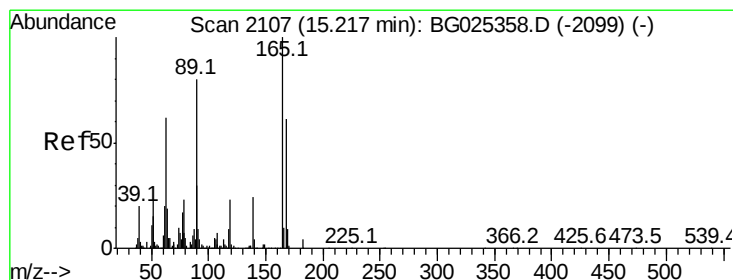
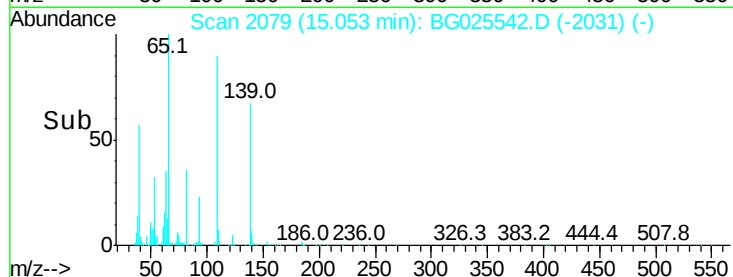
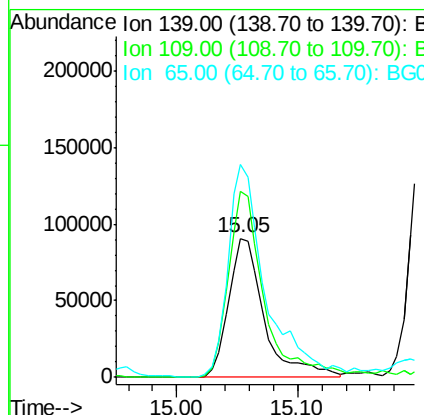
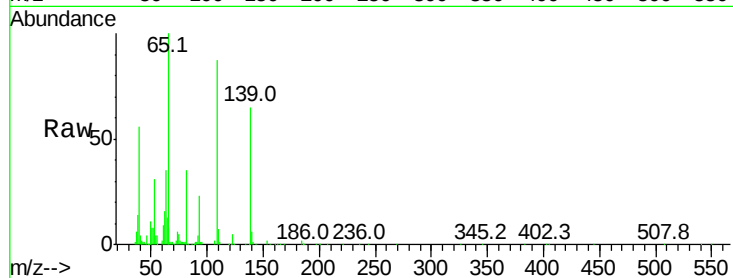
#55
4-Nitrophenol
Concen: 82.45 ng
RT: 15.05 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB96173BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	133.9	101.2	141.2	
65	153.1	135.3	175.3	

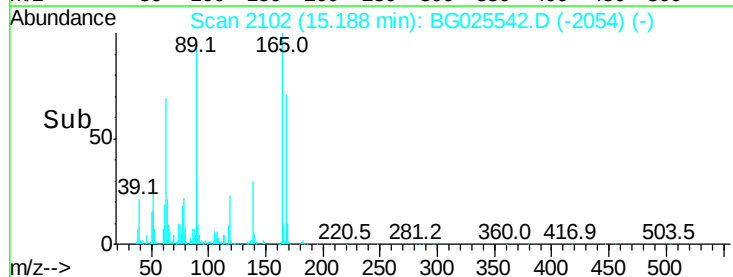
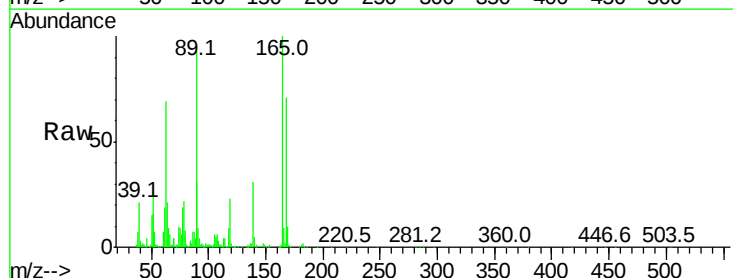
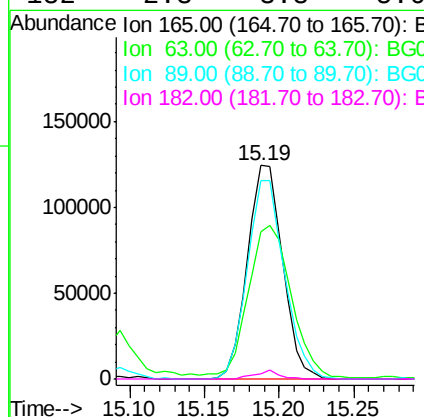
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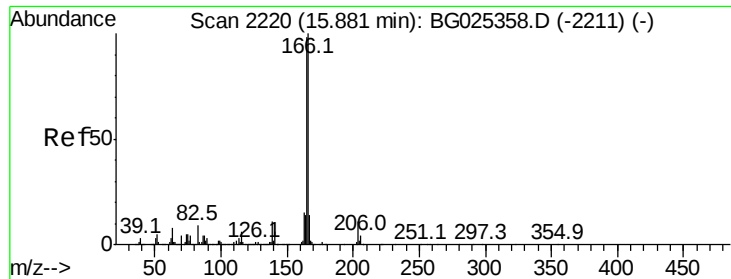
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#56
2,4-Dinitrotoluene
Concen: 44.14 ng
RT: 15.19 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	69.0	44.0	66.0#	
89	93.1	67.3	100.9	
182	2.3	3.8	5.6#	





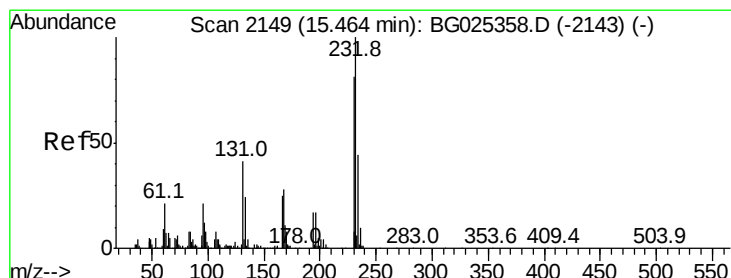
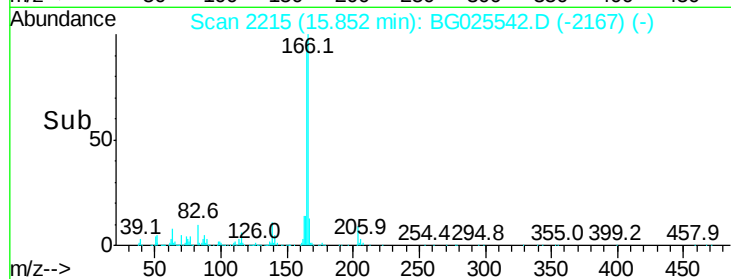
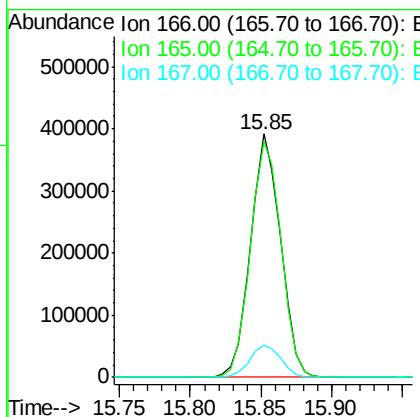
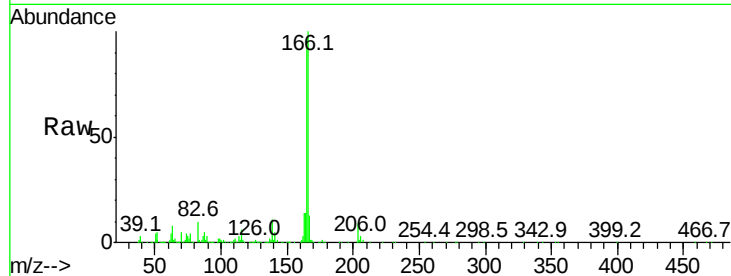
#57
Fluorene
Concen: 41.91 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB96173BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.1	78.6	117.8	
167	13.4	11.6	17.4	

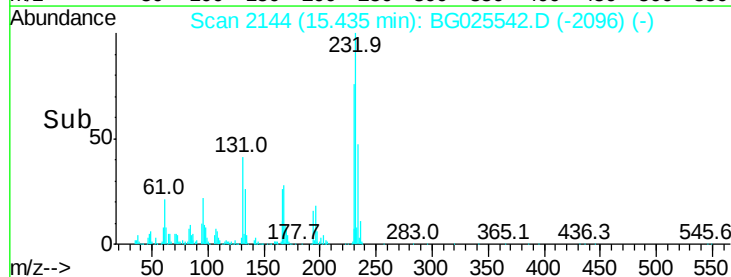
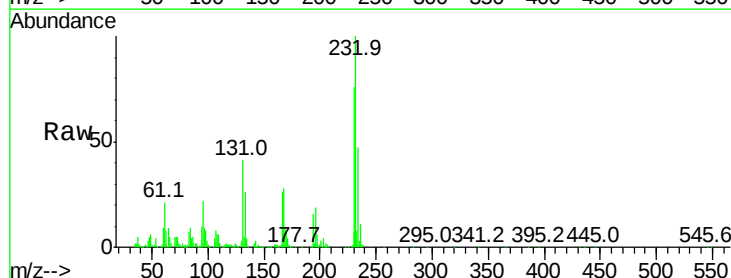
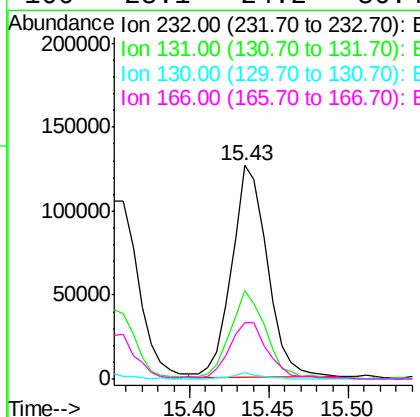
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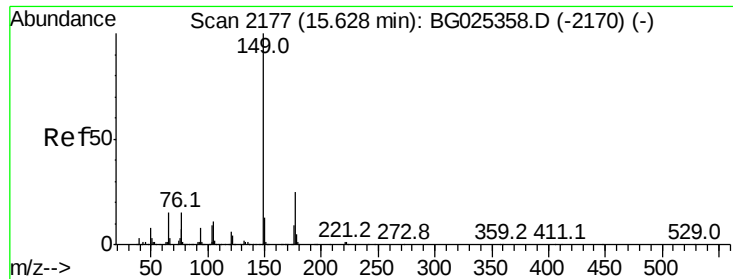
mohammad
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#58
2,3,4,6-Tetrachlorophenol
Concen: 42.70 ng
RT: 15.43 min Scan# 2144
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	42.7	34.9	52.3	
130	2.5	2.3	3.5	
166	28.1	24.2	36.4	





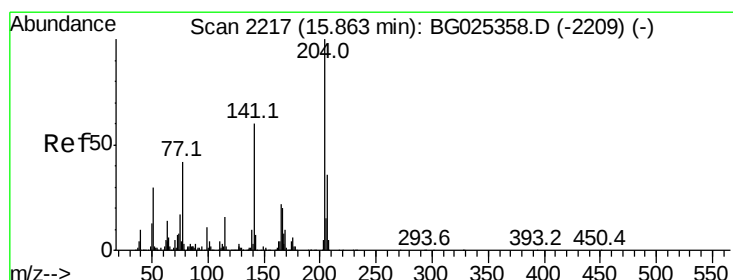
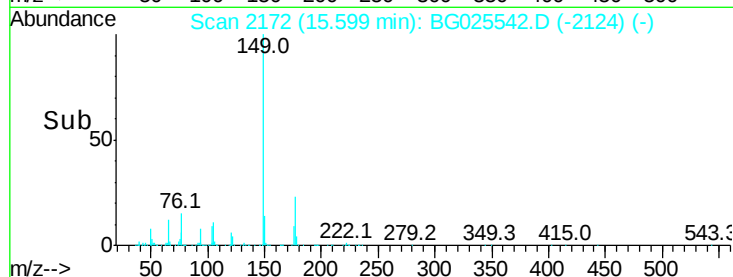
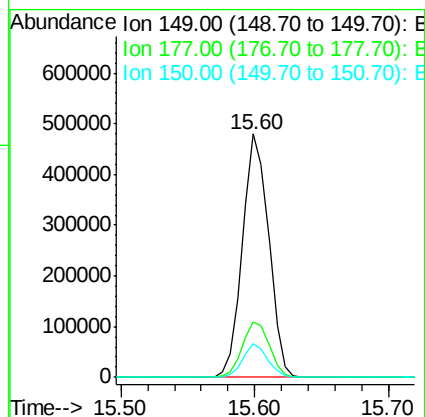
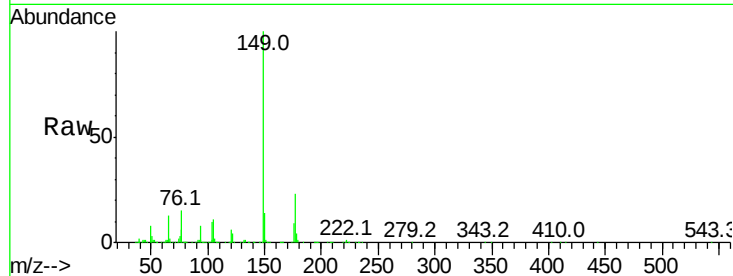
#59
Diethylphthalate
Concen: 43.02 ng
RT: 15.60 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB96173BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	651481		
177	22.7		20.1	30.1
150	13.6		10.2	15.2

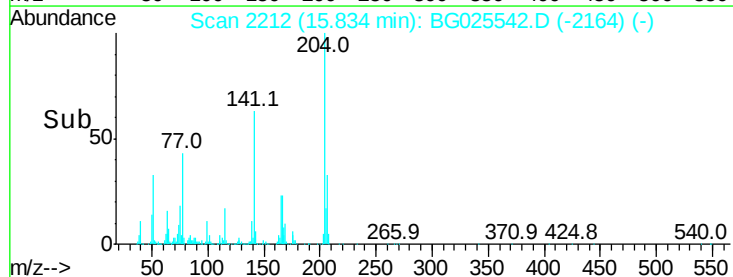
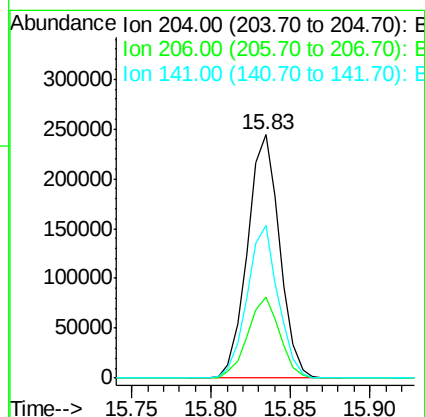
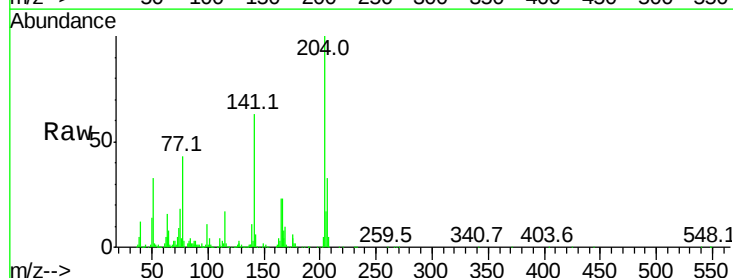
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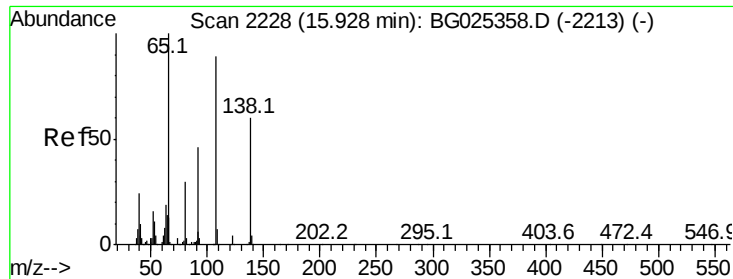
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 43.25 ng
RT: 15.83 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	342352		
206	33.4		30.1	45.1
141	62.7		50.6	76.0





#61

4-Nitroaniline

Concen: 36.77 ng

RT: 15.90 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

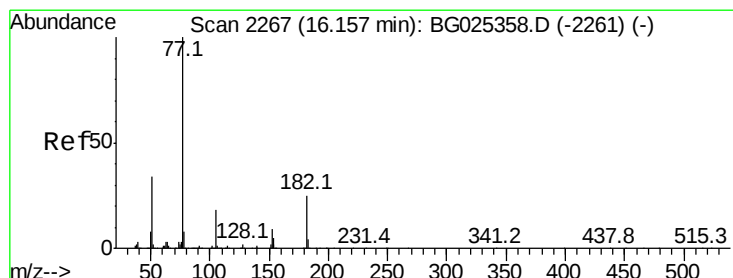
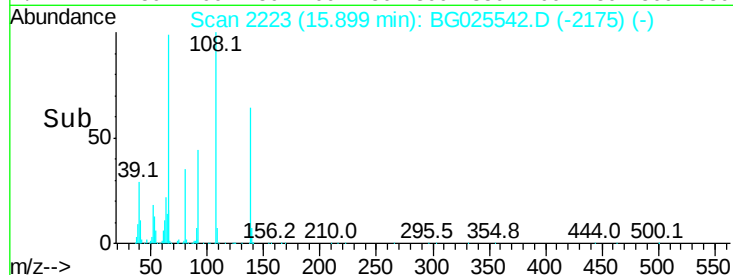
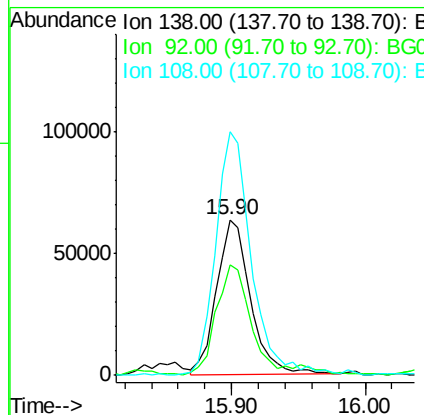
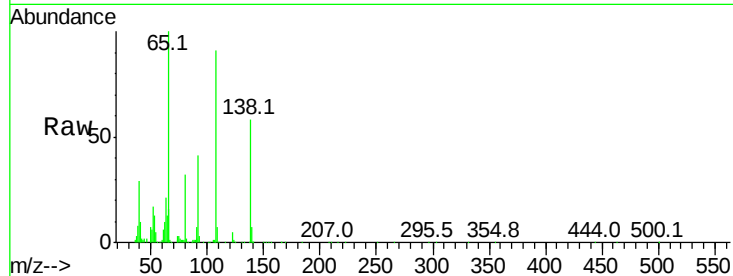
ClientSampleId :

PB96173BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	71.0	44.2	84.2
108	156.7	104.8	144.8

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#62

Azobenzene

Concen: 47.66 ng

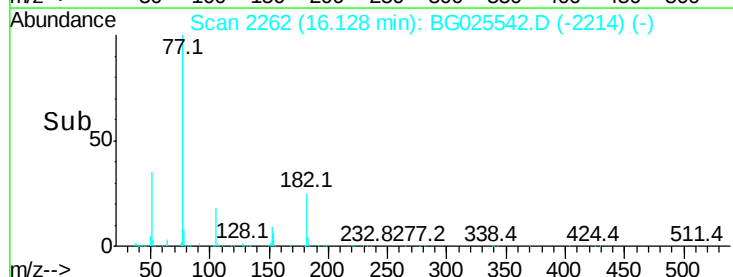
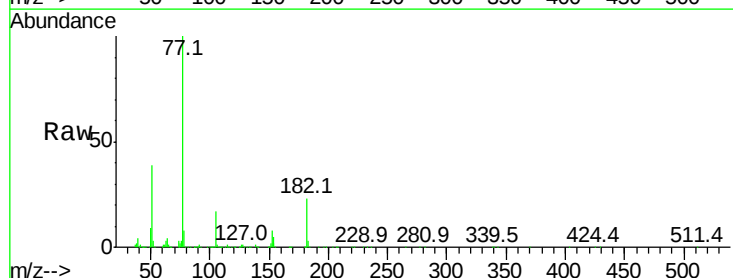
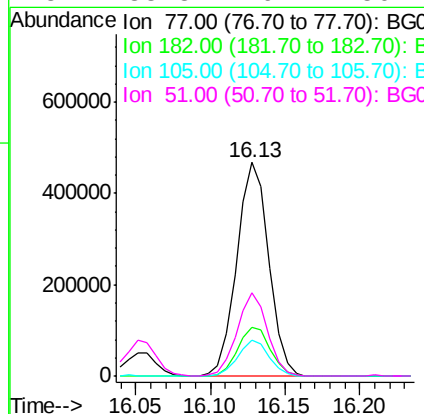
RT: 16.13 min Scan# 2262

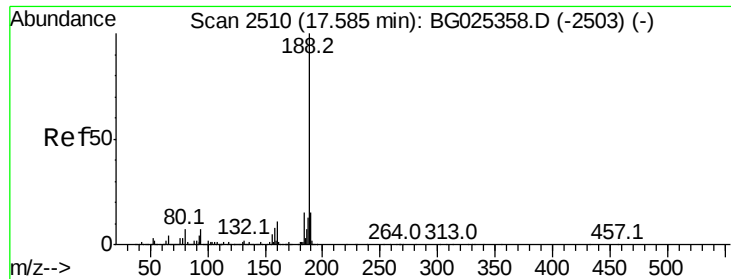
Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.8	4.7	44.7
105	16.8	0.0	36.3
51	38.8	16.4	56.4





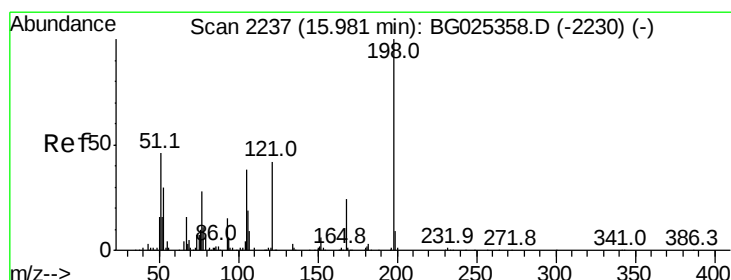
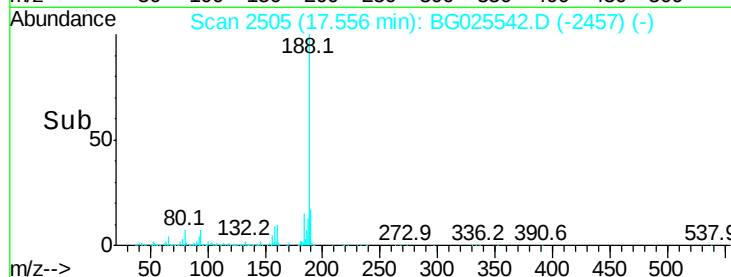
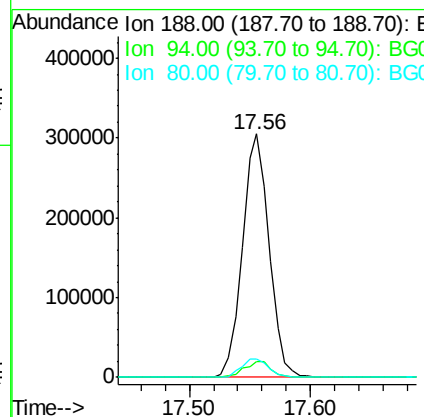
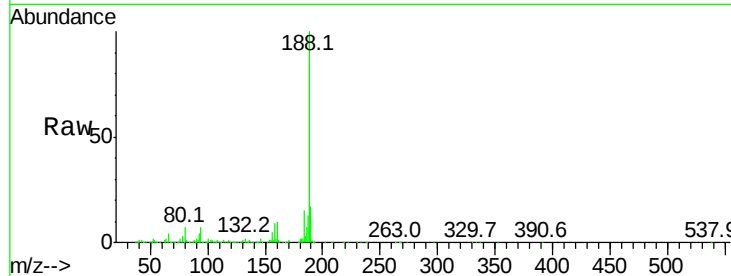
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB96173BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	467643		
94	6.7		5.8	8.8
80	7.3		7.5	11.3#

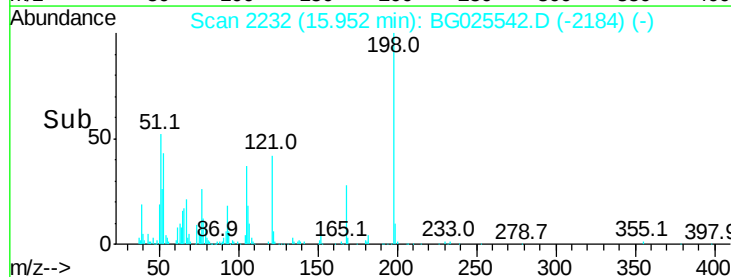
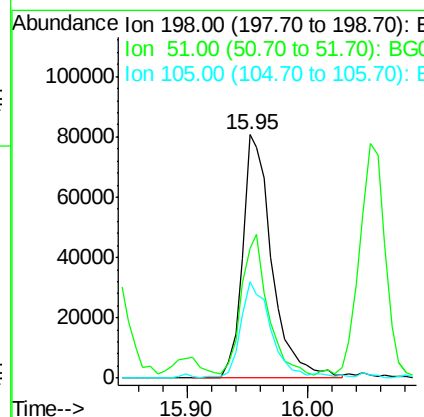
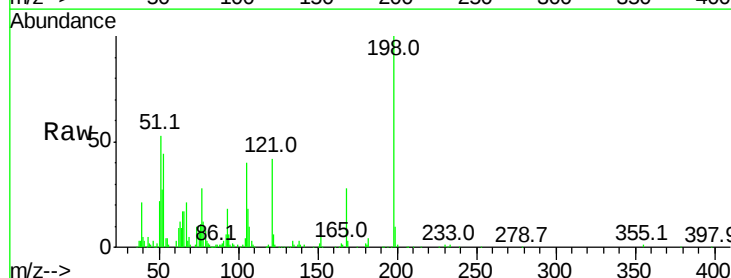
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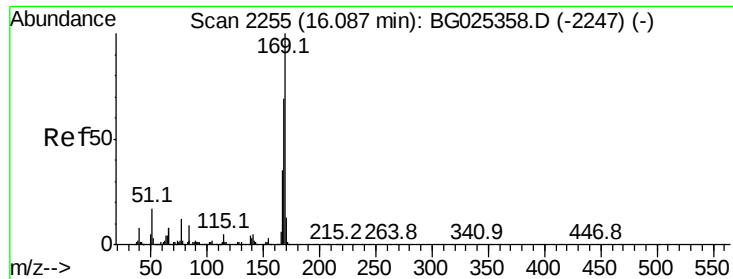
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.26 ng
RT: 15.95 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	136872		
51	53.1		22.6	62.6
105	39.5		14.4	54.4





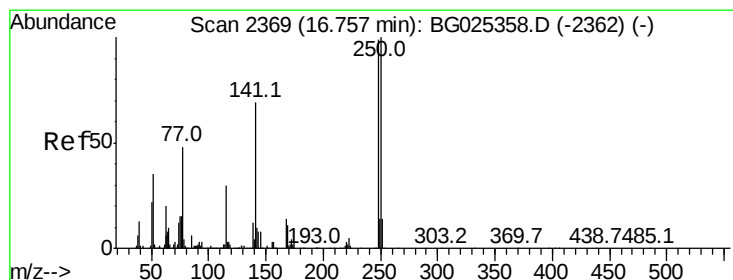
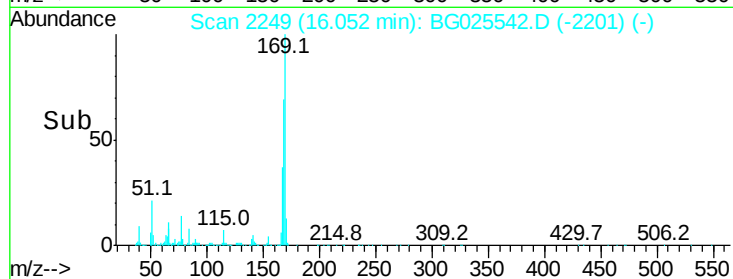
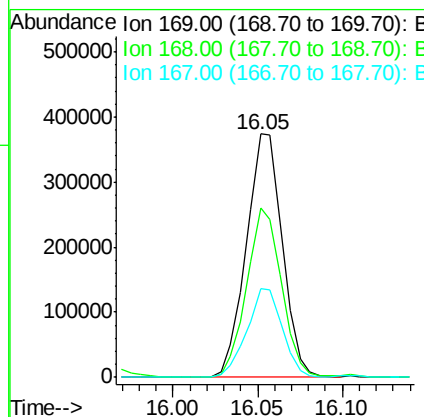
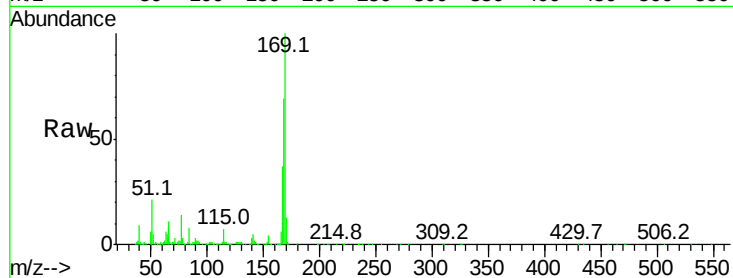
#65
 n-Nitrosodiphenylamine
 Concen: 44.02 ng
 RT: 16.05 min Scan# 2249
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB96173BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.5	55.7	83.5
167	36.7	29.8	44.6

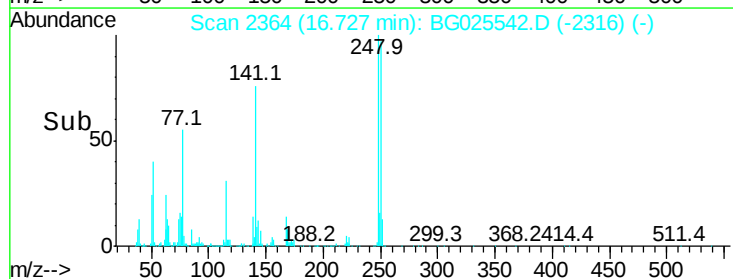
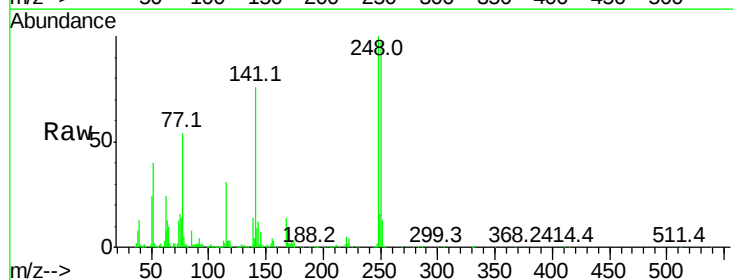
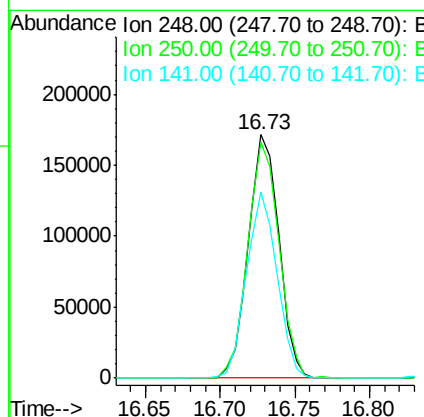
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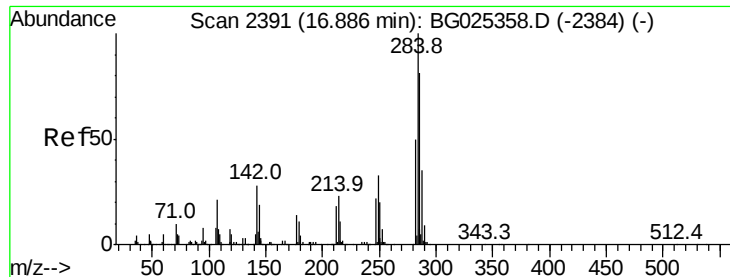
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#66
 4-Bromophenyl-phenylether
 Concen: 42.14 ng
 RT: 16.73 min Scan# 2364
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	75.0	112.6
141	76.2	55.2	82.8





#67

Hexachlorobenzene

Concen: 41.08 ng

RT: 16.86 min Scan# 2386

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

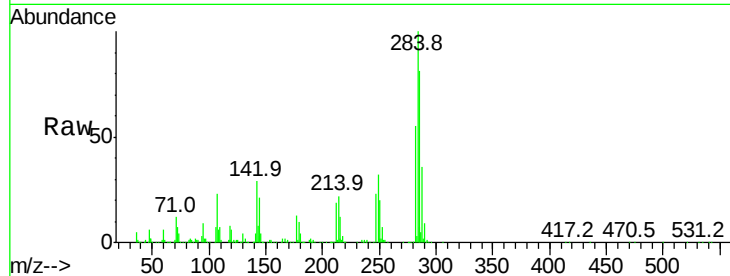
ClientSampleId :

PB96173BS

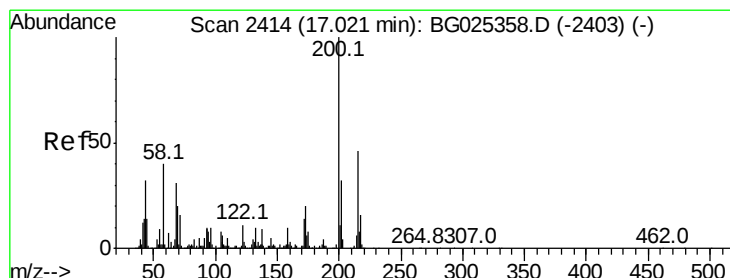
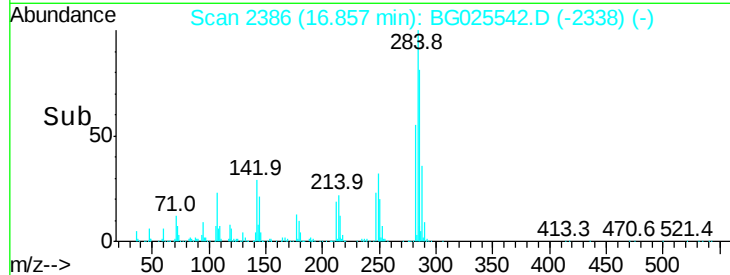
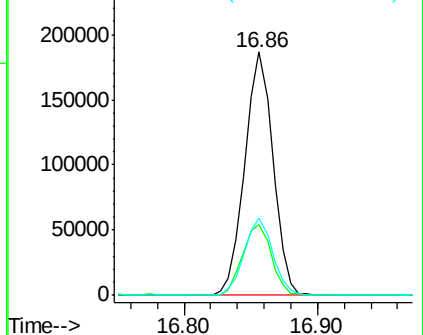
Tot Ion:	284	Resp:	271967
Ion Ratio	Lower	Upper	
284	100		
142	29.1	29.9	44.9#
249	31.6	29.2	43.8

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.47 ng

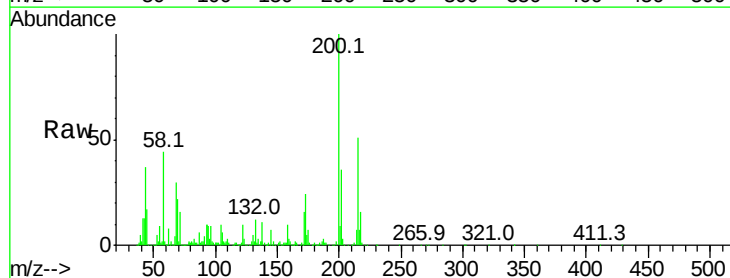
RT: 16.99 min Scan# 2409

Delta R.T. -0.02 min

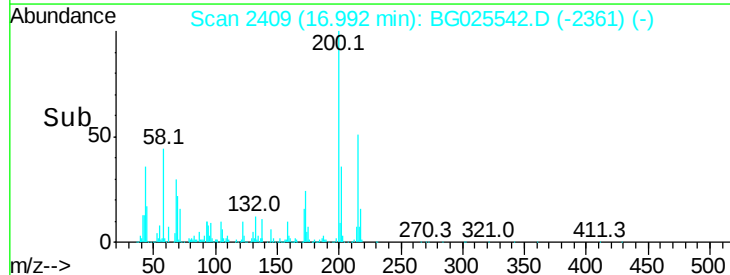
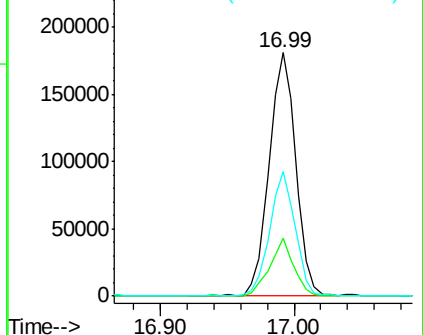
Lab File: BG025542.D

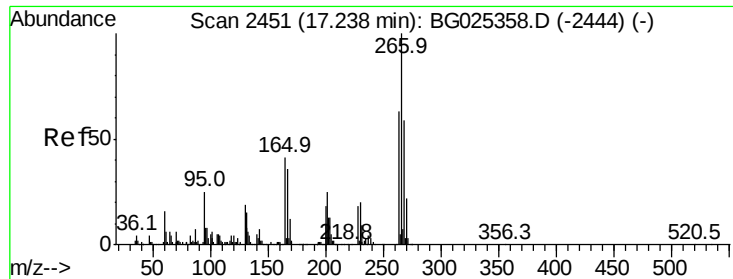
Acq: 20 Jan 2017 17:21

Tgt Ion:	200	Resp:	251839
Ion Ratio	Lower	Upper	
200	100		
173	24.0	3.0	43.0
215	51.3	28.4	68.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





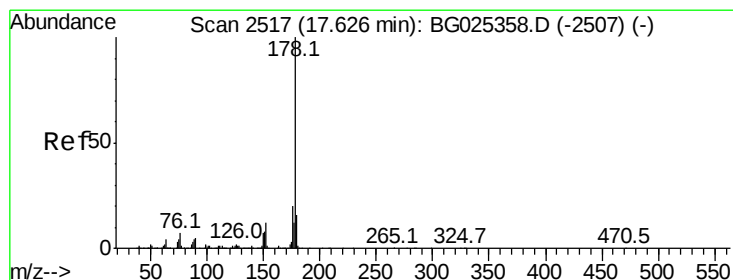
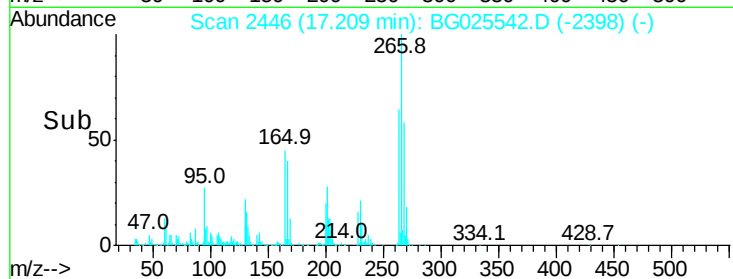
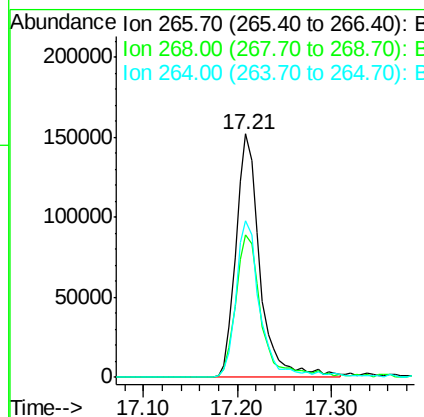
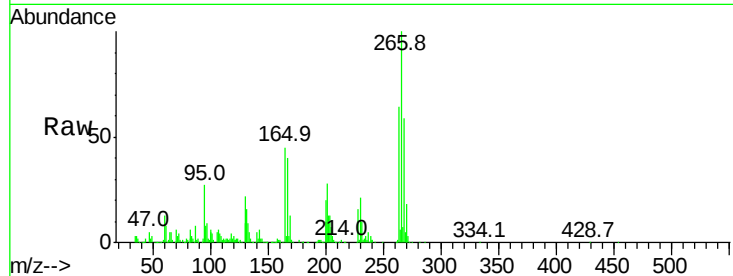
#69
 Pentachlorophenol
 Concen: 78.54 ng
 RT: 17.21 min Scan# 2446
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB96173BS

Tot Ion:	266	Resp:	269557
Ion Ratio		Lower	Upper
266	100		
268	58.5	48.6	72.8
264	64.2	50.1	75.1

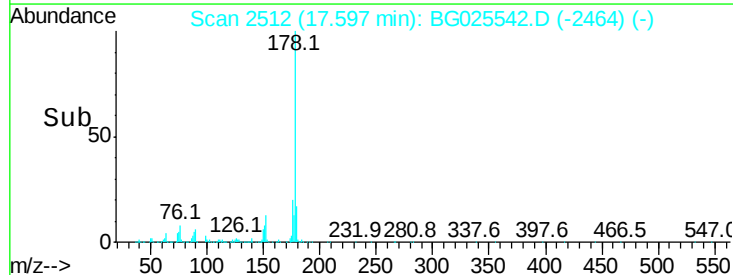
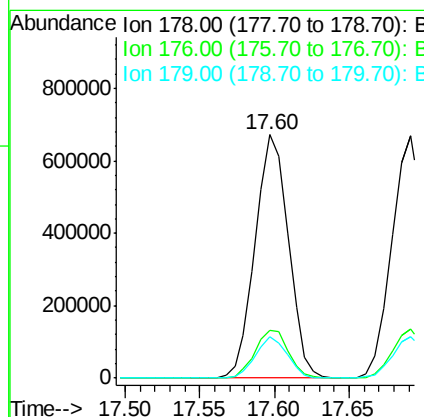
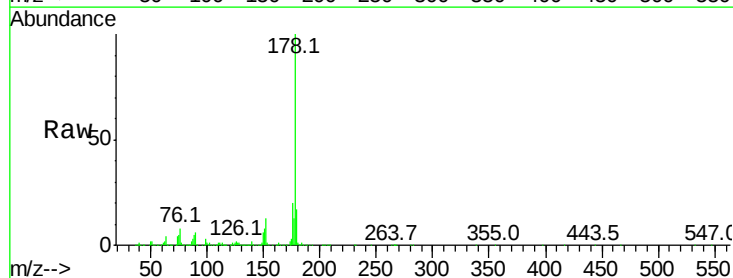
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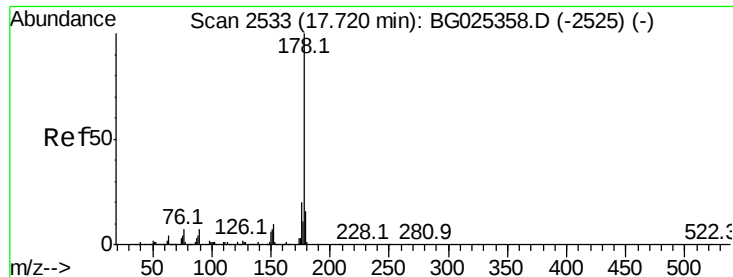
mohammad
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#70
 Phenanthrene
 Concen: 42.97 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Tgt Ion:	178	Resp:	1035443
Ion Ratio		Lower	Upper
178	100		
176	19.7	17.7	26.5
179	16.8	15.0	22.6





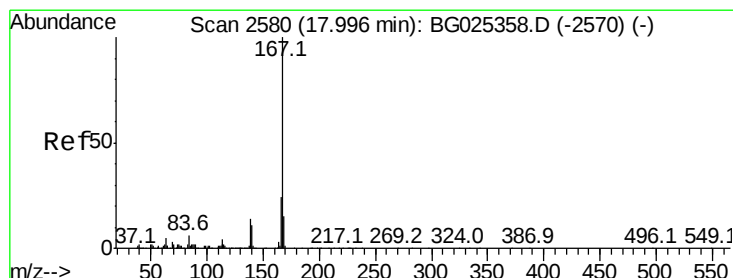
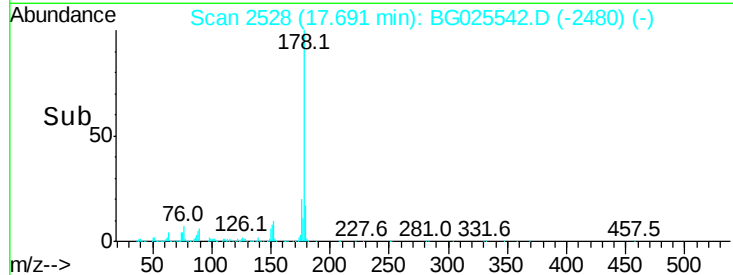
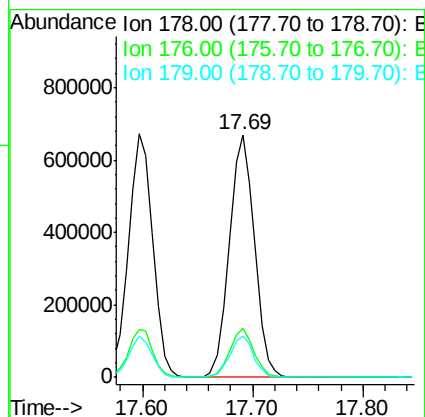
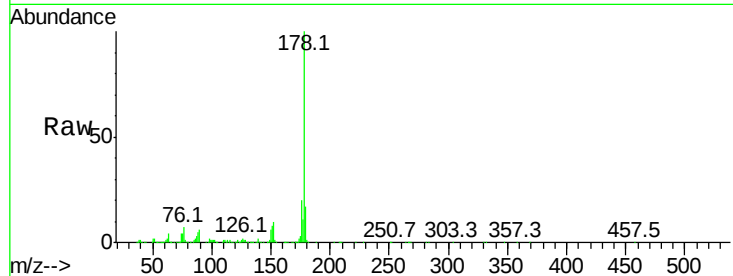
#71
 Anthracene
 Concen: 43.48 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB96173BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.4	24.6
179	17.0	13.8	20.8

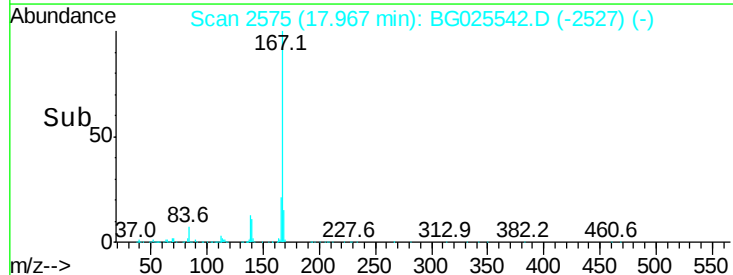
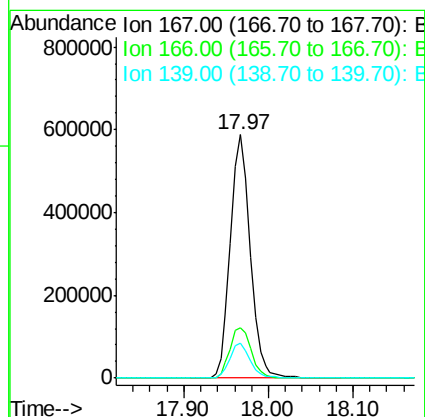
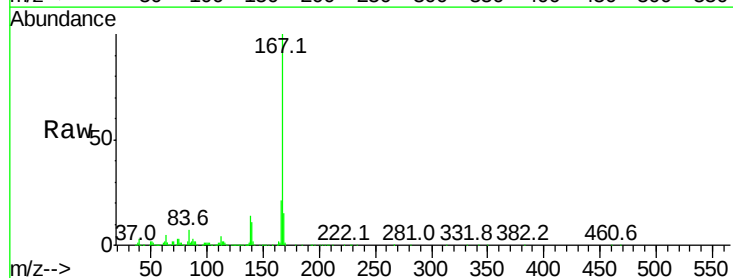
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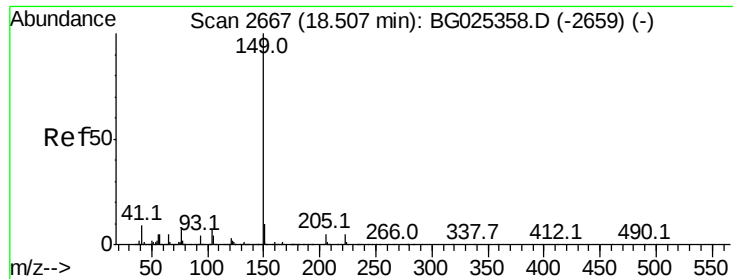
mohammad
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#72
 Carbazole
 Concen: 43.59 ng
 RT: 17.97 min Scan# 2575
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.9	20.2	30.2
139	14.2	12.8	19.2





#73

Di-n-butylphthalate

Concen: 43.53 ng

RT: 18.48 min Scan# 2662

Delta R.T. -0.01 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB96173BS

Tot Ion:149 Resp: 1173096

Ion Ratio Lower Upper

149 100

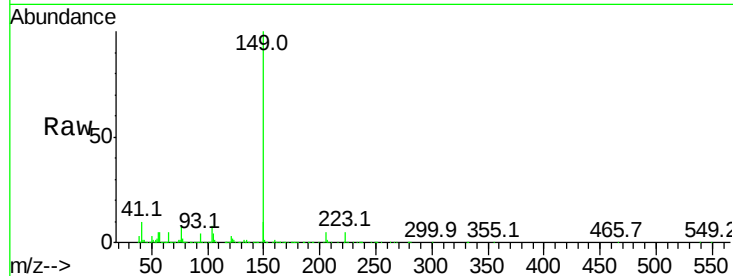
150 9.7 9.1 13.7

104 7.8 6.7 10.1

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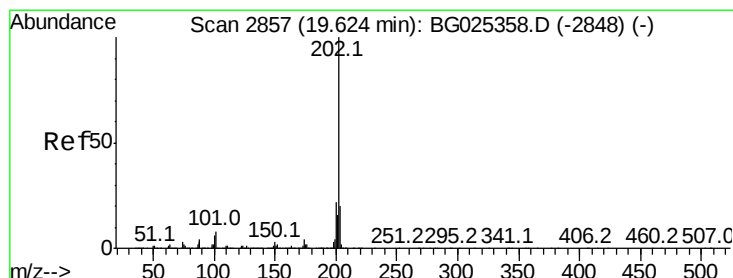
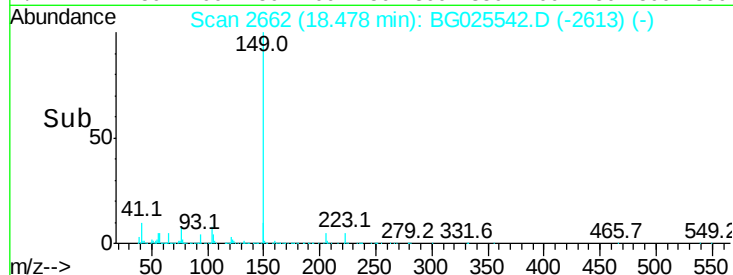
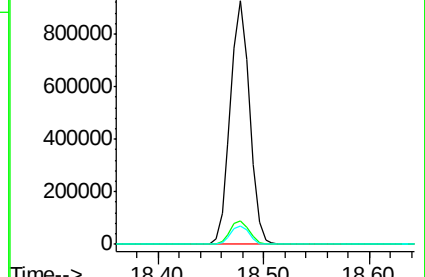
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.91 ng

RT: 19.59 min Scan# 2852

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

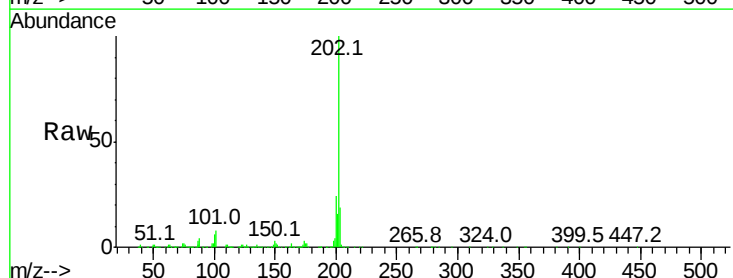
Tgt Ion:202 Resp: 1397753

Ion Ratio Lower Upper

202 100

101 7.8 0.0 30.1

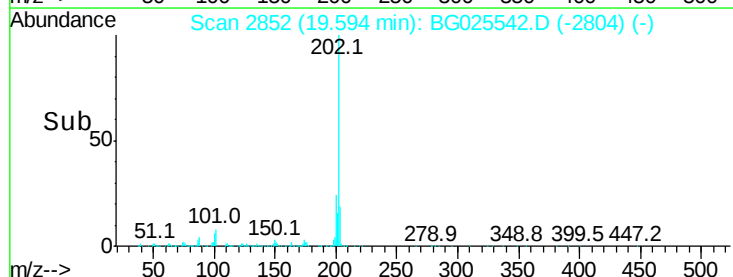
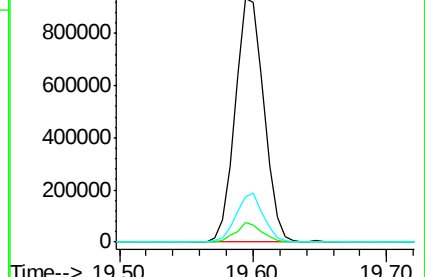
203 18.6 1.3 41.3

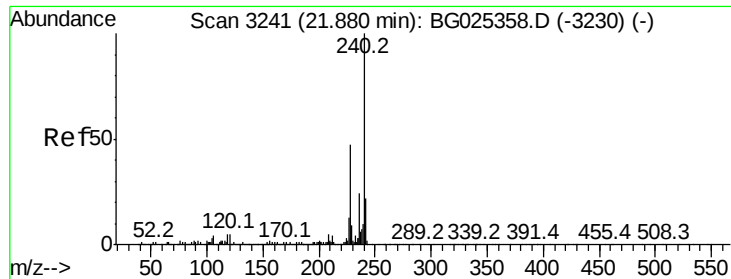


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

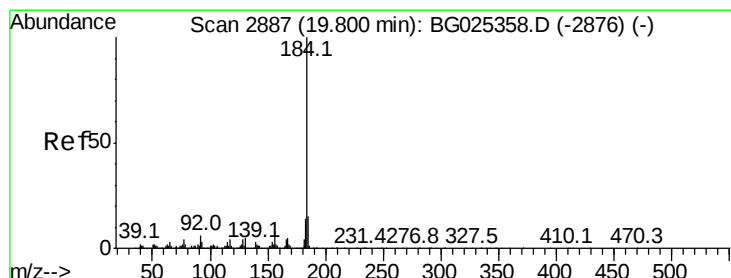
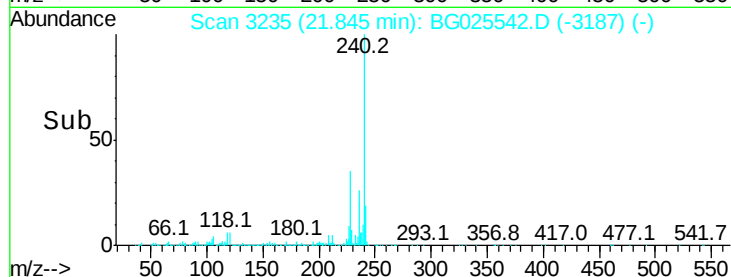
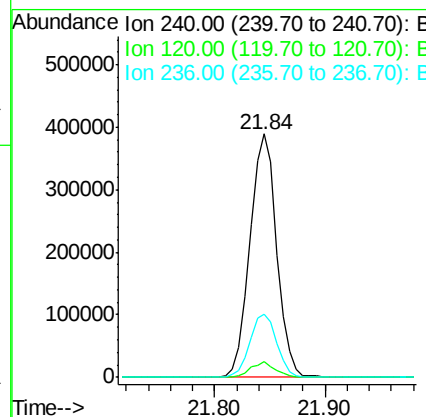
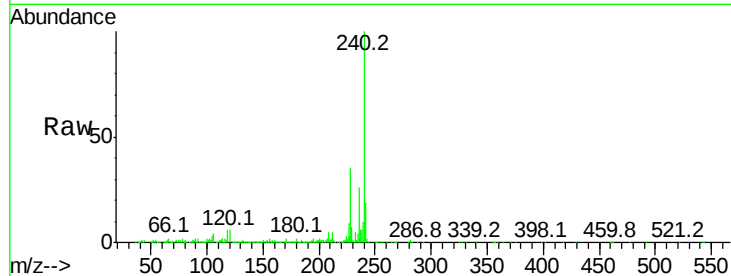
ClientSampled :

PB96173BS

Tot Ion:	240	Resp:	662106
Ion Ratio	Lower	Upper	
240	100		
120	6.5	5.7	8.5
236	26.2	22.2	33.4

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#76

Benzidine

Concen: 34.05 ng

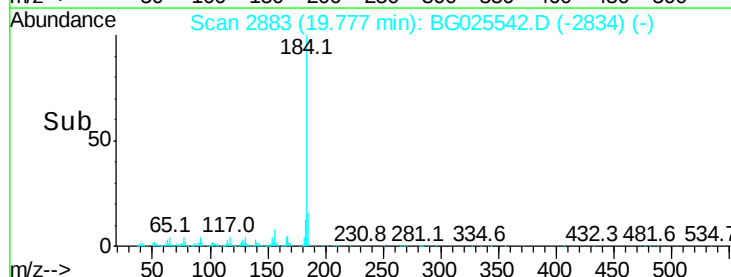
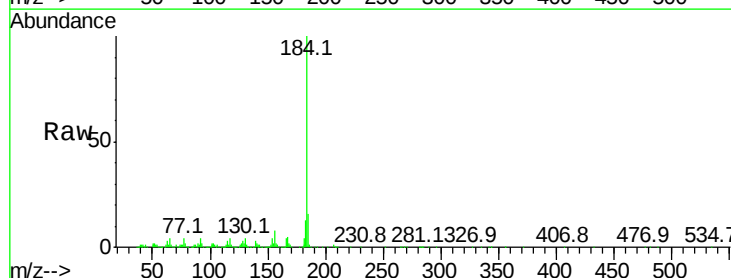
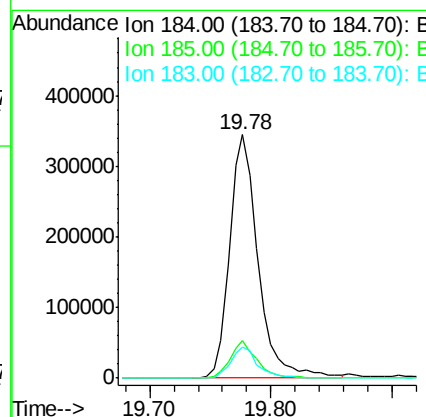
RT: 19.78 min Scan# 2883

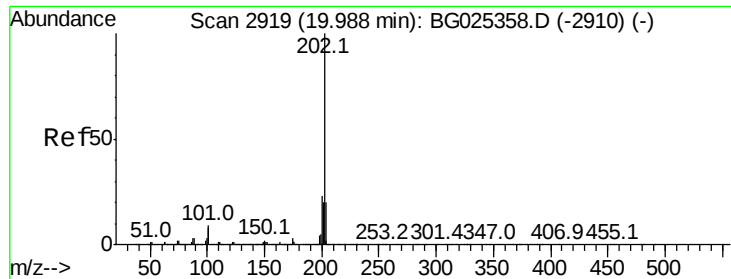
Delta R.T. -0.01 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Tgt Ion:	184	Resp:	562419
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.0	19.6
183	12.9	11.0	16.6





#77

Pvrene

Concen: 41.40 ng

RT: 19.96 min Scan# 2914

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB96173BS

Tot Ion:202 Resp: 1432453

Ion Ratio Lower Upper

202 100

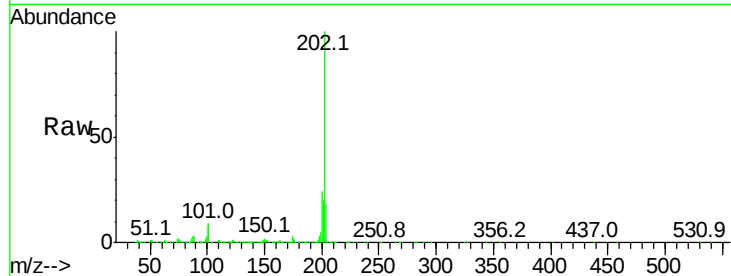
200 23.8 19.6 29.4

203 18.1 15.8 23.8

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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

1200000

1000000

800000

600000

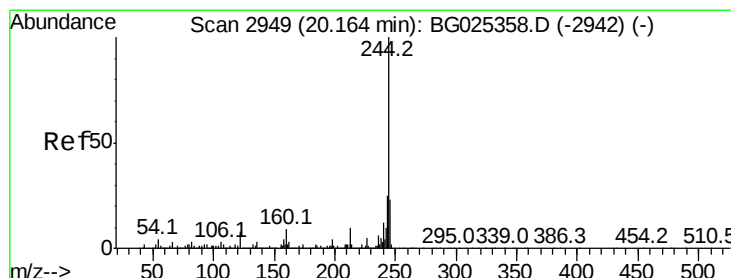
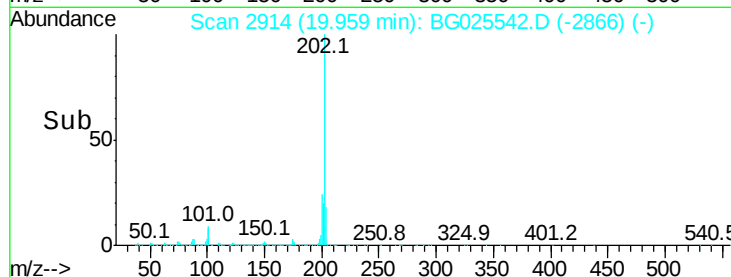
400000

200000

0

19.96

Time-->



#78

Terphenyl-d14

Concen: 86.65 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

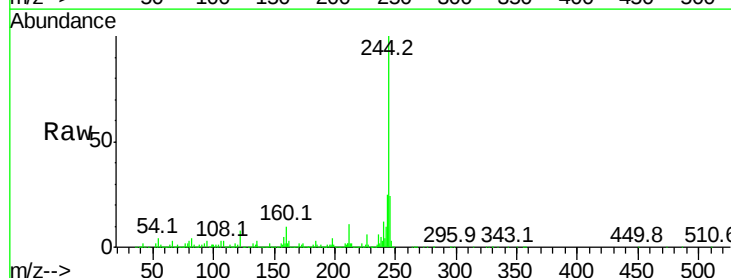
Tgt Ion:244 Resp: 2163863

Ion Ratio Lower Upper

244 100

212 10.8 10.0 15.0

122 8.1 8.6 12.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

2000000

1500000

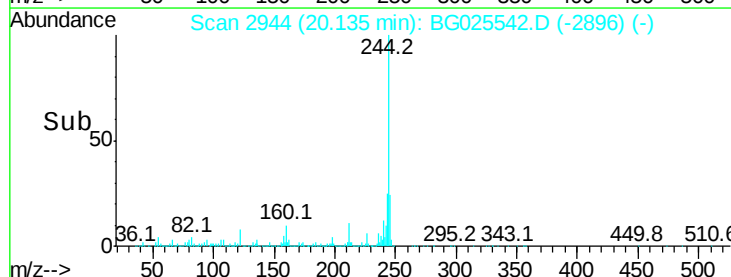
1000000

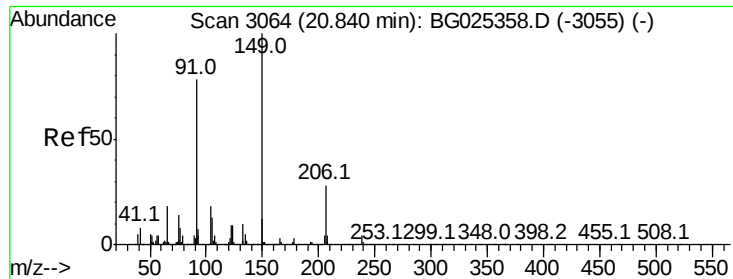
500000

0

20.14

Time-->





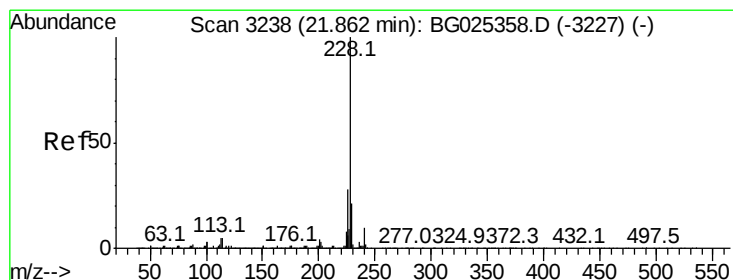
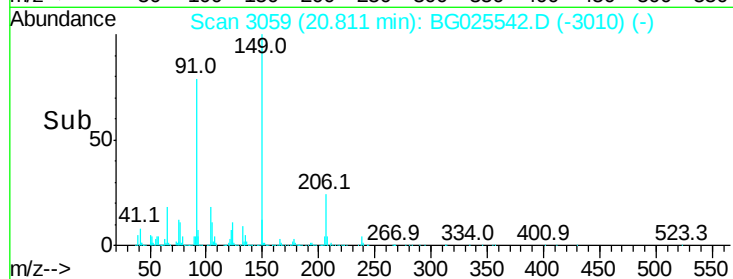
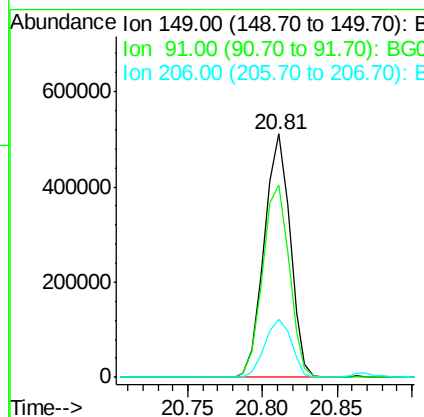
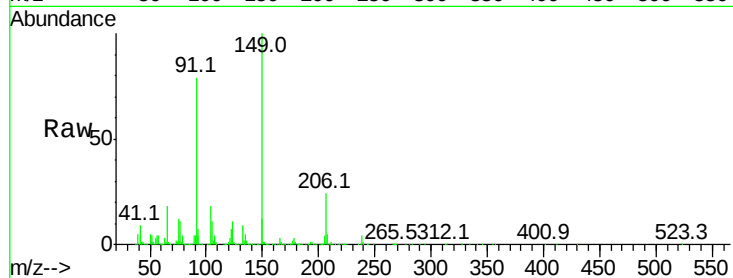
#79
Butylbenzylphthalate
Concen: 44.13 ng
RT: 20.81 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB96173BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.3	63.5	95.3
206	23.9	21.0	31.6

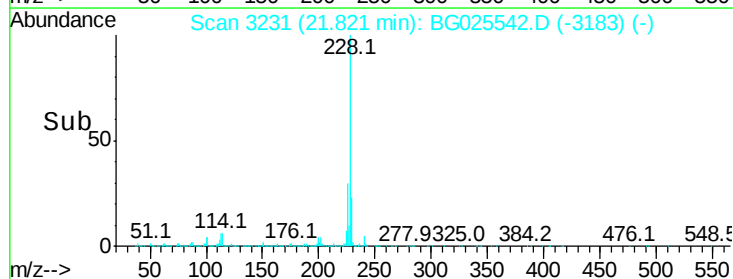
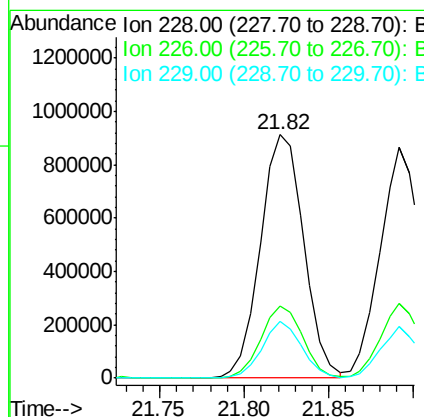
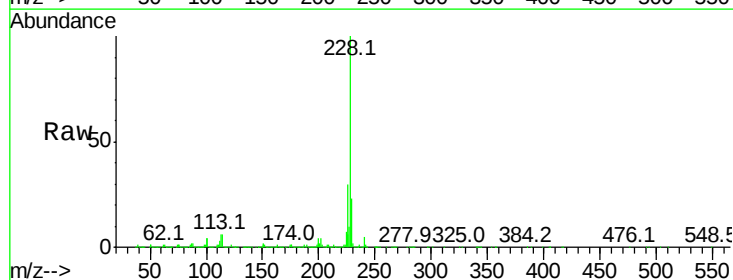
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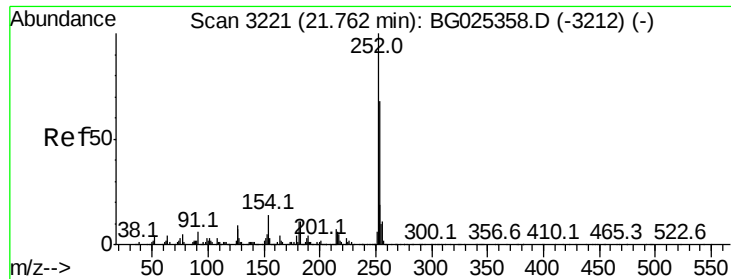
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#80
Benzo(a)anthracene
Concen: 43.93 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.02 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	23.1	18.2	27.2





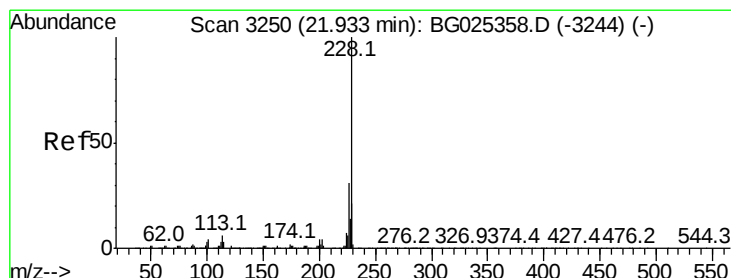
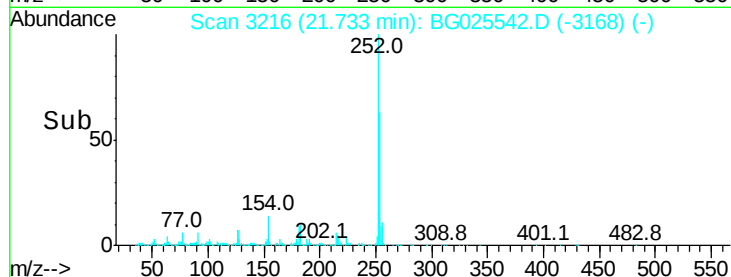
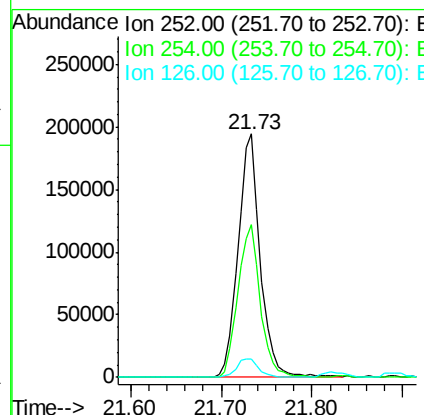
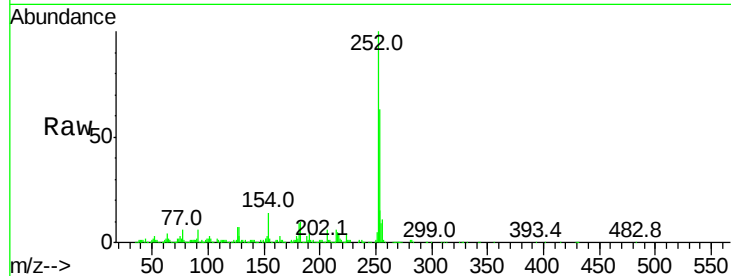
#81
 3,3'-Dichlorobenzidine
 Concen: 23.20 ng
 RT: 21.73 min Scan# 3216
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Instrument :
 BNA_G
 ClientSampled :
 PB96173BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	53.1	79.7
126	7.5	7.0	10.4

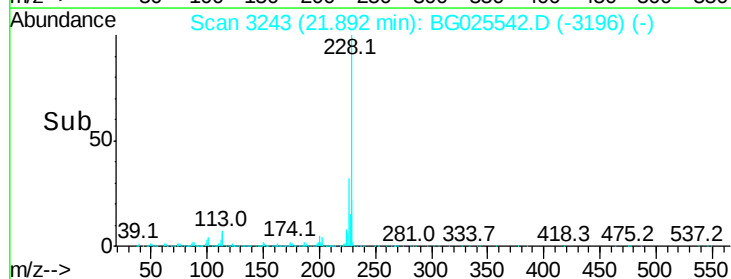
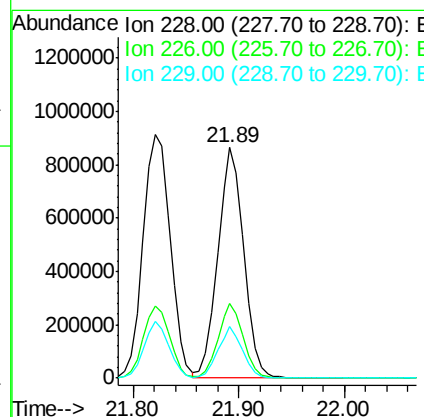
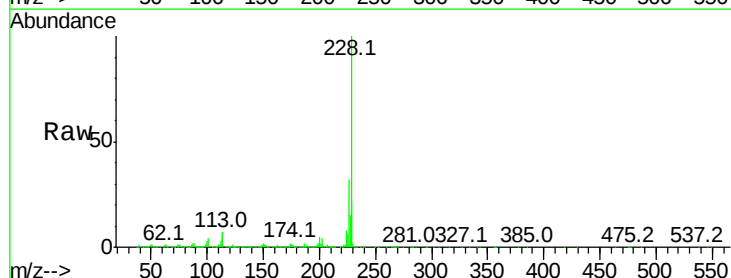
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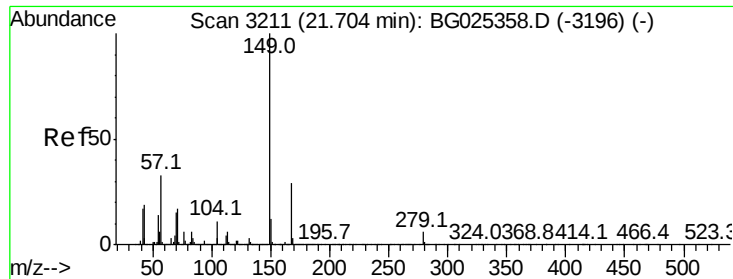
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#82
 Chrysene
 Concen: 41.67 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	27.0	40.4
229	22.3	17.8	26.6





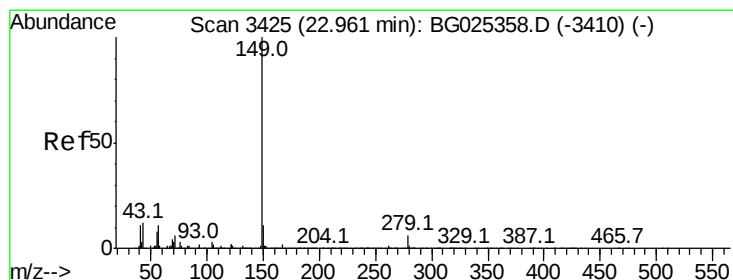
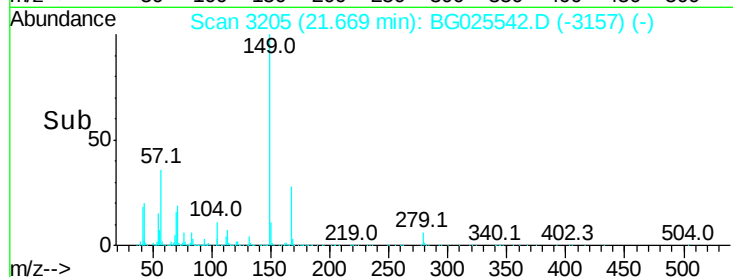
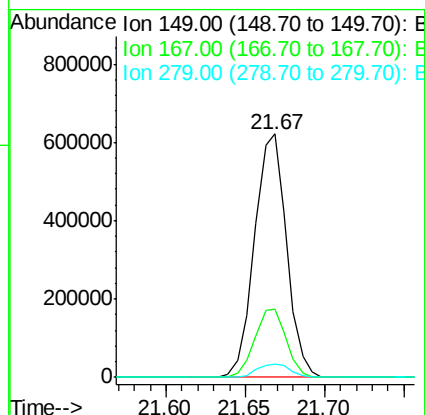
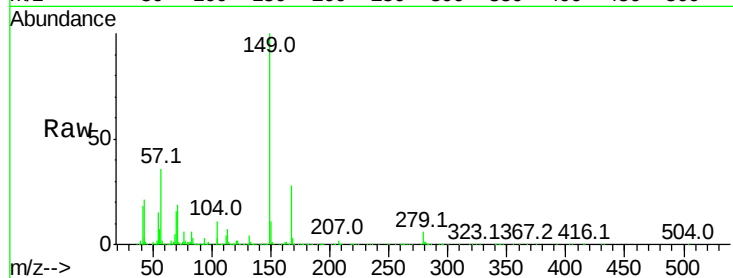
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.20 ng
 RT: 21.67 min Scan# 3205
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB96173BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.7	35.5
279	5.7	4.6	6.8

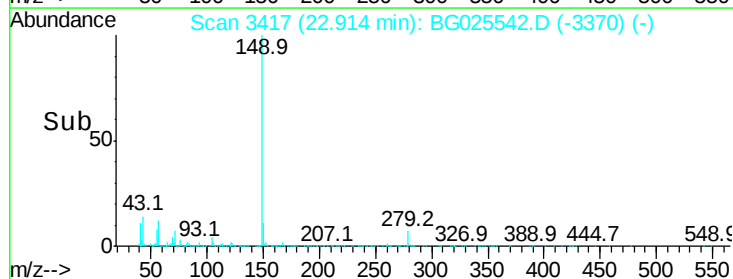
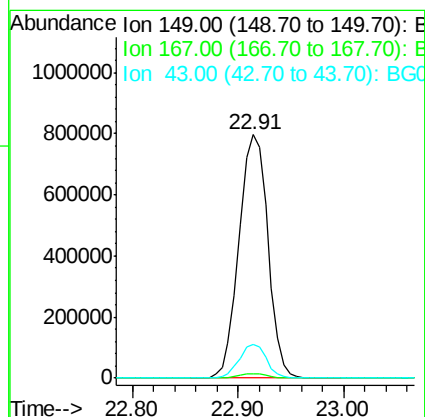
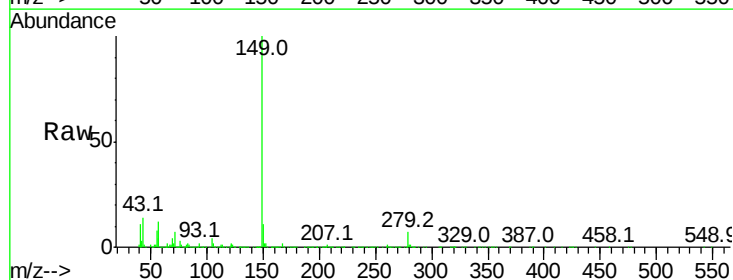
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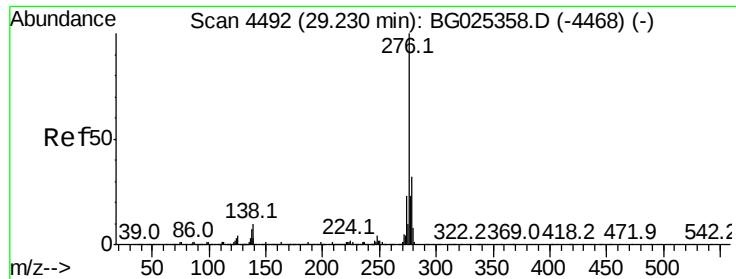
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#84
 Di-n-octyl phthalate
 Concen: 46.94 ng
 RT: 22.91 min Scan# 3417
 Delta R.T. -0.02 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	13.3	11.8	17.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.45 ng

RT: 29.14 min Scan# 4476

Delta R.T. -0.06 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Instrument :

BNA_G

ClientSampleId :

PB96173BS

Tot Ion:276 Resp: 2091220

Ion Ratio Lower Upper

276 100

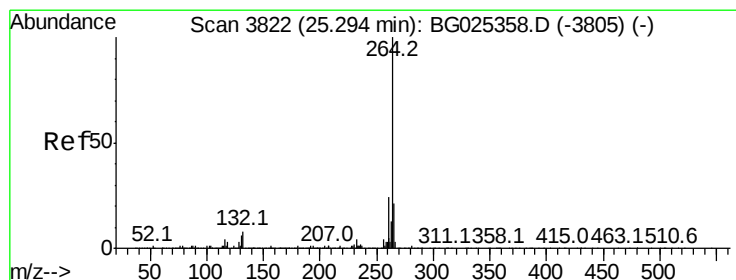
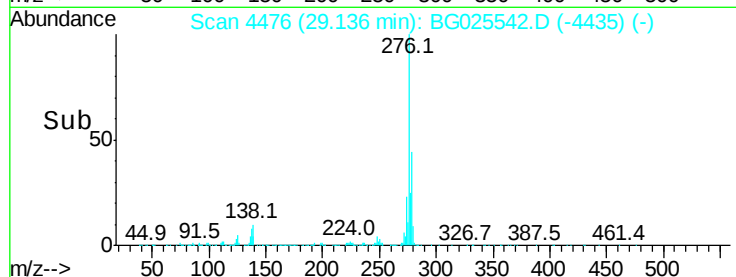
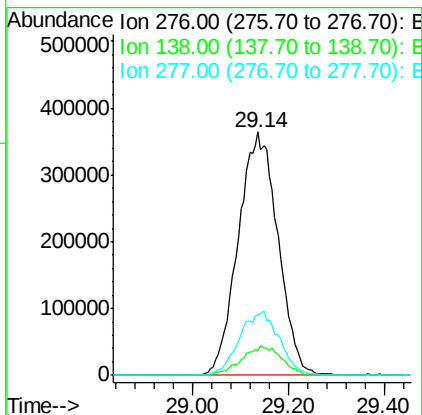
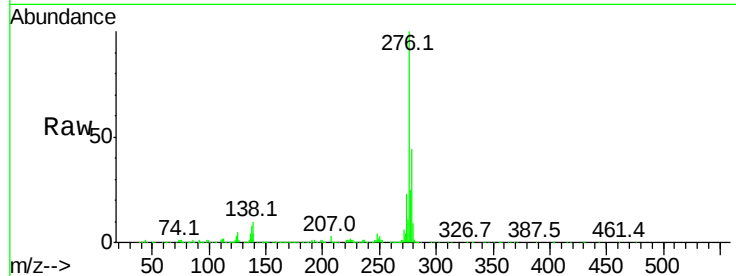
138 12.1 4.7 7.1#

277 26.4 20.6 31.0

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#86

Perylene-d12

Concen: 20.00 ng

RT: 25.23 min Scan# 3811

Delta R.T. -0.04 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

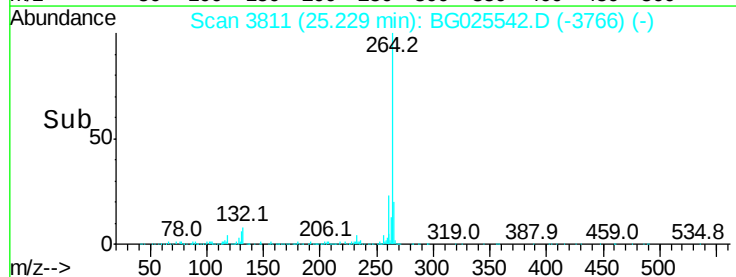
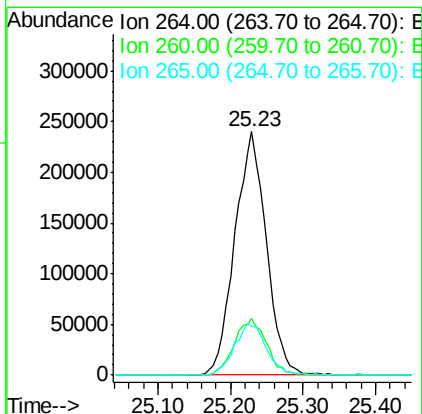
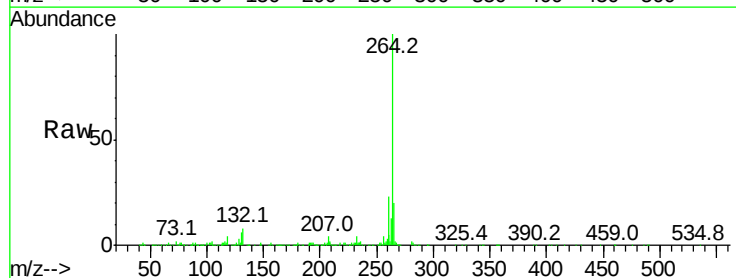
Tgt Ion:264 Resp: 722195

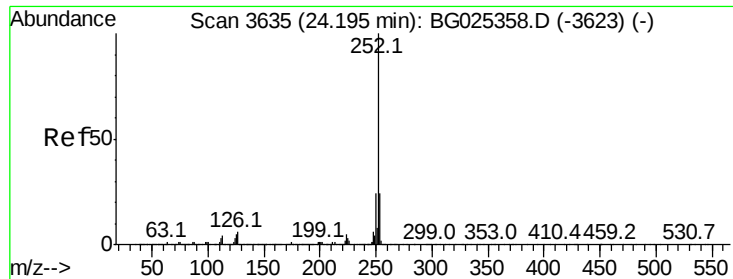
Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

265 20.3 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 43.59 ng

RT: 24.14 min Scan# 3626

Delta R.T. -0.03 min

Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

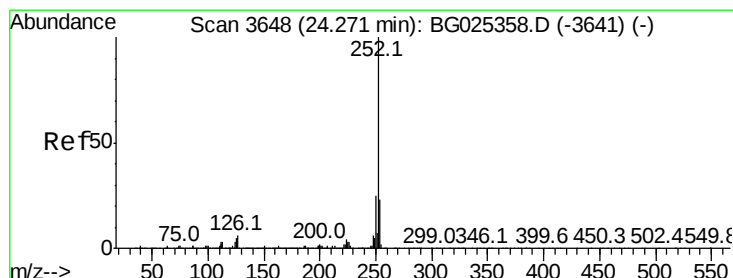
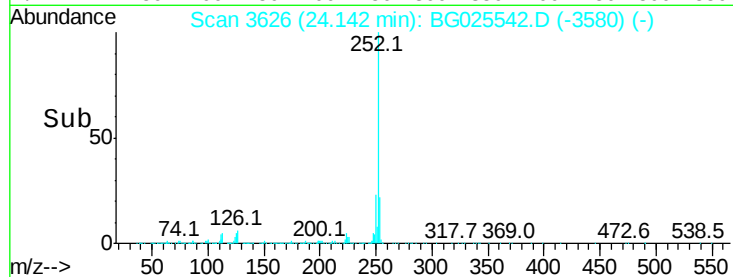
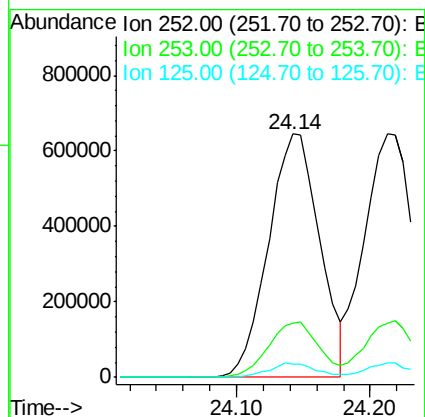
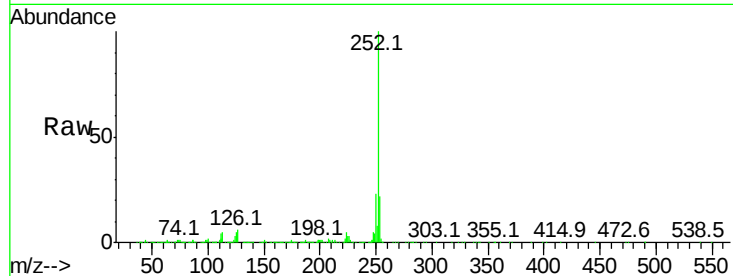
Instrument :
BNA_G
ClientSampleId :
PB96173BS

Tot Ion:252 Resp: 1717759

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.7	28.1
125	5.4	5.3	7.9

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#88

Benzo(k)fluoranthene

Concen: 43.52 ng

RT: 24.21 min Scan# 3638

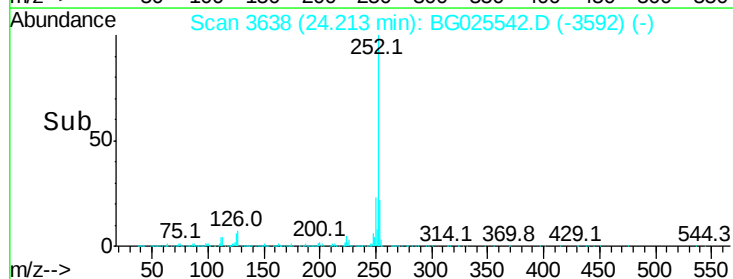
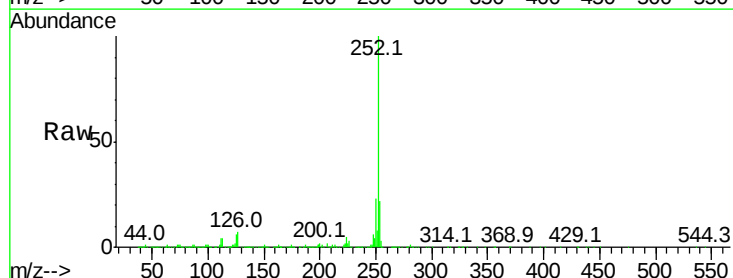
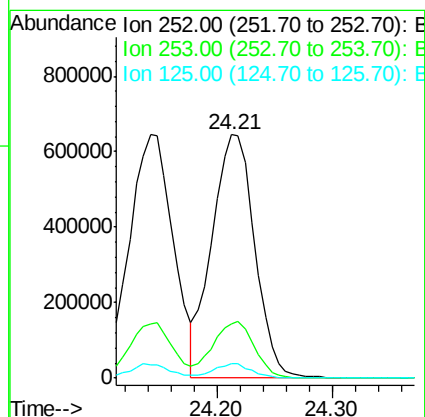
Delta R.T. -0.03 min

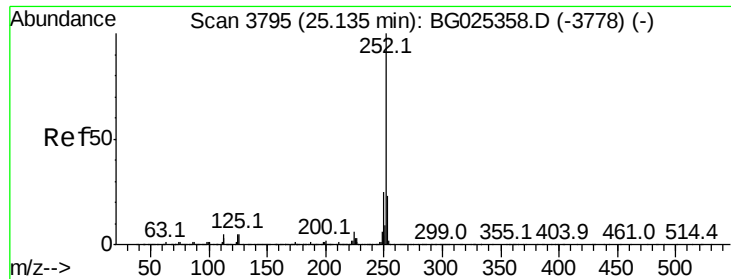
Lab File: BG025542.D

Acq: 20 Jan 2017 17:21

Tgt Ion:252 Resp: 1656167

Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.2	30.2
125	6.1	5.1	7.7





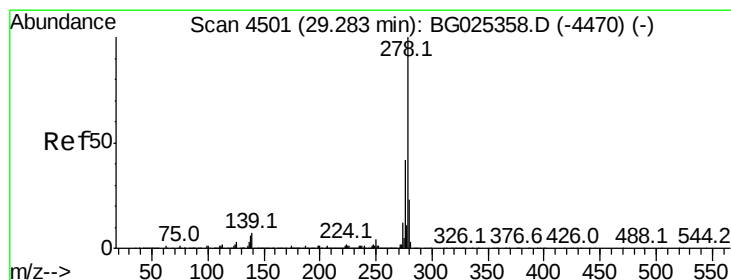
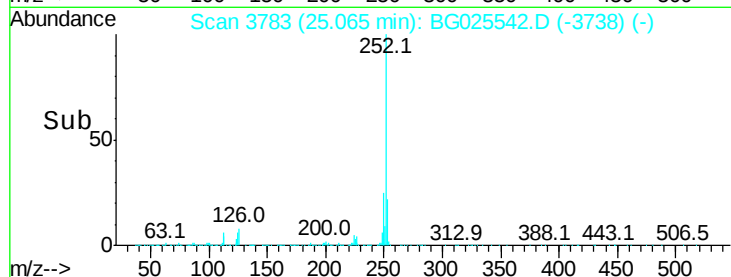
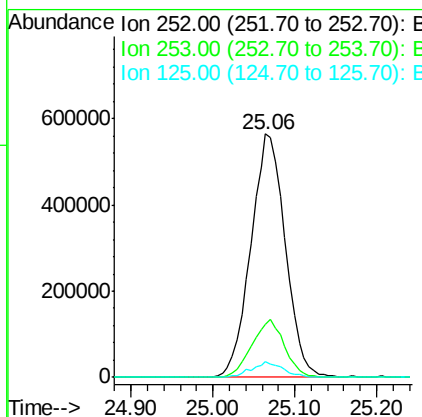
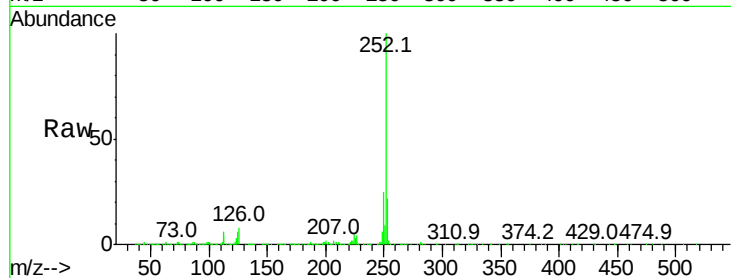
#89
Benzo(a)pyrene
Concen: 43.28 ng
RT: 25.06 min Scan# 3783
Delta R.T. -0.04 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Instrument :
BNA_G
ClientSampleId :
PB96173BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	19.2	28.8
125	6.3	5.4	8.0

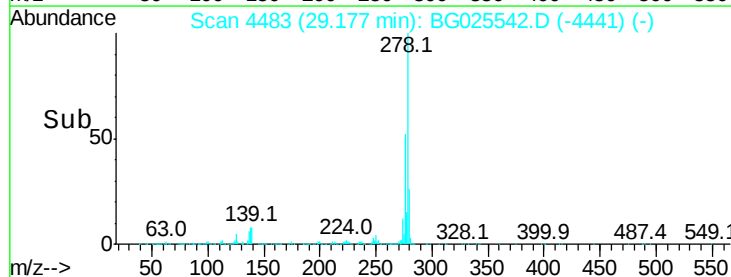
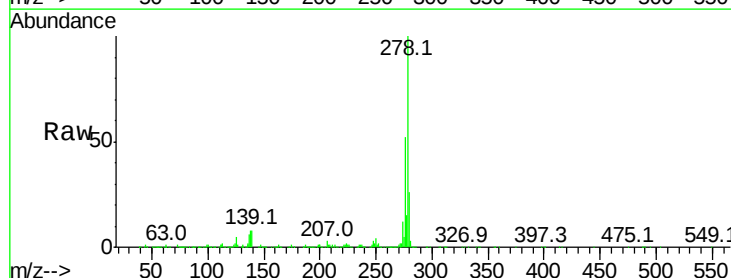
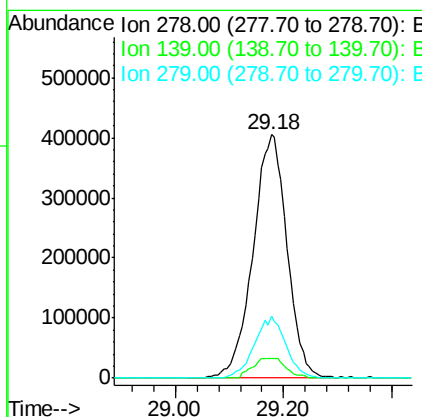
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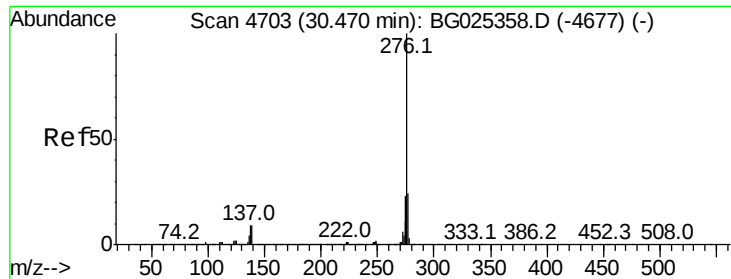
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#90
Dibenzo(a,h)anthracene
Concen: 43.58 ng
RT: 29.18 min Scan# 4483
Delta R.T. -0.05 min
Lab File: BG025542.D
Acq: 20 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.0	7.7	11.5
279	25.5	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 43.05 ng
 RT: 30.36 min Scan# 4684
 Delta R.T. -0.07 min
 Lab File: BG025542.D
 Acq: 20 Jan 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB96173BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	27.8
138	9.6	8.1	12.1

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